# Career Fair Crash Course

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Employers don't want you to know about this one simple trick

# News flash

- SpaceX's Falcon Heavy Successfully Launches into Space ([link](#))
  - *AND DID YOU SEE THAT LANDING*
- 'Deepfake' AI-edited Videos Banned ([link](#))
- Snapchat Loses $350M In Q4 2017, Still Its Best Quarter Ever ([link](#))
- Reddit founder & CEO steps down ([link](#))
- Photographer captures subcultures that refuse to die ([link](#))
- Founder of the EFF has died ([link](#))
- Is your work meaningful? ([link](#))

- LinkedIn -> Resume ([link](#))
- VPN ([link](#))

[full video](#)

# What does a resume get me?

- First glance snapshot of the applicant (you)
- Opportunity to showcase accomplishments in brief
- Good place to start conversations later in the process, like
  - Previous or current jobs or responsibilities
  - Previous or current projects
  - Previous or current hackathons
- A place to demonstrate attention to detail
- But most importantly, *an interview*

# What does a cover letter get me...?

- A place to talk about the company-specific opportunities that excite you, or
- A way to stand out in a way that would be strange on your resume
- Can also simply be a place to put additional relevant information

- Some bizarre / outlandish [example](example)

# My friend's example...

*"My friend Max will not shut up about his internship at GitHub. It's gotten so bad that I decided to check it out, and actually, the program seems pretty cool. I could totally see myself working at GitHub this summer.*

*Also, I hear you have an office dog named Nala. I too have a dog named Nala. I want to meet your Nala."*

# Resume Example 1

[resume](resume)

**Anthony Monaco**

Gifford House, Medford, MA 02155 | 617-627-2000 | anthony.monaco@tufts.edu

**Education**

**Harvard University** - Cambridge, MA                                                                    Class of 1987
PhD in Neuro Science
Cumulative GPA: 3.71; Dean's List

**Princeton University** - Princeton, NJ                                                                   Class of 1981
Bachelor of Science in Computer Science
Cumulative GPA: 3.71; Dean's List

**Monaco High School** – Monte Carlo, Monaco                               August 1973 - June 1977
International Baccalaureate Diploma, SAT (New): 1320

**Related Experience**

**JumboCode**
*Member* - Medford, MA                                                                September 2017 - Present
- Developed the front-end of website using HTML and CSS
- Participates in weekly meetings

**Personal Projects**

**Shortest Route Finder**
- Created an application that allows the user to pick certain destinations and deduces the shortest route that visits all the chosen destinations

**Skills**
- Programming Languages: Java, C++, HTML, CSS, JavaScript
- Software: Microsoft Office, Adobe InDesign
- Spoken & Written Languages: Korean (Native language), Mandarin (Intermediate)

**Work Experience**

**YMCA Summer School 2017**
*Counselor* – Medford, MA                                                                     July - August 2017
- Assisted teachers with MMM (Mindful Mixed Media), CID (Culture, Identity & Diversity) and SS (Science & Society) classes, including helping students with weaker English abilities
- Facilitated daily reflection meetings of 8 students; mentored students throughout the program

**Leadership Activities**

**HEAR (Harmony for East Asian Relationships)**
*Co-Founder* – Tokyo, Japan                                                      August 2015 - November 2016
- Cofounded the organization aiming to improve the relationships between Japan and Korea, and Japan and China, on the belief that people's emotional responses to past events generate the tension
- Held workshops in high schools throughout Japan to empower Japanese high school students to contemplate why this issue exits, and debate what actions they can take

**Robotics Club**
*Co-Founder* - Seoul, South Korea                                                    August 2015 - June 2017

# Resume Example 2

[resume](resume)

[website](website)

## JOE SCHMOE

(123) 456-7890 • joe@schmoejoseph.com • github.com/jschmoe • schmoejoseph.com

### EDUCATION

**Tufts University** Medford, MA · B.S. in Computer Science                    (Class of 2018)
  **Relevant Coursework** Teaching Computer Science · Functional Programming ·
    Programming Languages · Networks · Compilers · Computer Graphics ·
    Computation Theory · Operating Systems · Concurrent Programming ·
    Algorithms · Machine Structure
  **Relevant Achievements** Delta Epsilon Phi (German Honor Society) · Dean's List
    Fall 2014, Spring 2015, Spring 2016, Fall 2016

### EXPERIENCE

**XYZ BigCo** Some City, WA                    (Summer 2017)
*Software Engineering Intern*
- Created automatic to-string function generation for types in the Reason compiler.
- Redesigned release flow for the whole Reason open-source project and led multiple releases.
- Led effort to split Reason into more easily consumable sub-packages.
- Rewrote Reason code formatter (`refmt`) command-line tool in applicative functor style.

**ABC, Inc** Some City, MD                    (Summer 2016)
*Software Engineering Intern*
- Decreased UX friction by improving mention feature with Mozilla's "frecency" algorithm.
- Raised issues and fixed bugs on the ABC, Inc core application.
- Contributed to jekyll/jekyll-admin (open-source content management system).

**Tufts University** Medford, MA                    (Spring 2015—Present)
*Teaching Fellow, Lab Leader, Teaching Assistant*
- Developed Data Structures final project specification and reference implementation.
- Implemented alternative Data Structures independent final project.
- Mentored 10 students as they designed and created their own inventive projects.
- Created new Machine Structure lab designed to help students transition from C++ to C.

**Tufts Cheese Club** Medford, MA                    (Spring 2015—Present)
*Adviser, President, Executive Board Member*
- Ran Mozzarella Interest Group, which hosted talks about milk, enzymes, etc.
- Organized 270 Tufts students for a 24-hour eatathon (Tufts PolySnack) and demo series.
- Built Tufts PolySnck's QR code invitation and check-in software with JS and Parse.

**Lifttt** Some City, HI                    (Summer 2015)
*Software Engineering Intern*
- Implemented an efficient priority and cost-based SQL query scheduler (18k queries/week).
- Wrote an amortized constant-time regular expression to string map.
- Created a timed and threaded caching and cache invalidation Python class wrapper.

### PROJECTS

- **"Intro to Caseiculture"**                    (schmoejoseph.com/cheesemaking)
  A series of blog posts that illustrate how to make cheese from the ground up
- **Koi, Hare** · C                    (github.com/jschmoe/koi, github.com/hareVM/hare)
  Several iterations on and revisions of a small RISC virtual machine; featured on Hacker News
- **Distributed Lisp interpreter** · Erlang                    (github.com/jschmoe/distlisp)
  A cluster of nodes that automatically distribute the computation of a Lisp interpreter
- **Distributed ray tracer** · C++                    (github.com/MaiaRT/tracer)
  A hierarchical network of CPU workers that ray trace parts of a given image, including a small thread-safe networking library

### SKILLS

- **Programming Languages** C · C++ · OCaml · Haskell · SML · Ruby · Python · JavaScript
- **Software** NGINX · Apache · MySQL · PostgreSQL · Git · Cron · Ruby on Rails · Jekyll
- **Other** Digital and film photography · road biking · cooking · German · Spanish

# Solid Resume Guidelines

- Formatting: 1 page, .pdf
- Order matters
- Be consistent in tense
- Prioritize technical skills/accomplishments -> leadership -> other activities
- Hyperlink wherever you can
- Don't have too much or too little explanation
- Don't have buzzwords unless you can back them up

# Partner Critiquing!

# How to interact with employers at career fairs

- Research companies you're interested in beforehand
- Introduce yourself, keep it short (elevator pitch)
- Ask interesting and probing questions
- Express why you're excited and passionate to work *specifically for them*
- Don't try and force paper on people
- Get business card and follow-up via email

# How to get the most out of hackathons

- Go in knowing *exactly* what you want out of it
  - Winning a general/API award
  - Getting a headstart on a personal project
  - Focusing on non-hacking things - workshops, networking, snagging swag
  - Making friends and building things with interesting people
- Don't be afraid to ask for help!
- Don't just make some bullshit project with Ethereum

# Homework 1

- Post your resume on Piazza
  - "Instructors only" if you only want us to see it
  - Class-wide if you want feedback from your peers
  - Due: 11:59pm *tonight!* Feb 07, 2018.
  - Reason: **we want to get you some feedback before the career fair!**

- Go to the career fair! Friday, 12-2:30pm
- Go to IDHack! Friday, 6pm -- Saturday, sometime
- Think of some ideas for your project by Monday, classtime