

Derek Jobst

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Education

University of Pennsylvania *School of Engineering and Applied Science*

Graduating May 2017

- B.S.E in **Computer Science** with a Minor in **Engineering Entrepreneurship**

Work Experience

Raise.me

May - August 2016

Software Engineering Intern

Raise.me partners with colleges and universities to offer students “micro-scholarships” starting in the 9th grade.

- Rewrote a considerable portion of the application front-end in React.
- Worked closely with design/product team in developing major new features.
- Continued development of Ruby on Rails backend and Go micro-services.

Technologies Used: Ruby on Rails, React.js, Go, AWS, HTML, SASS

eBay NYC

May - August 2015

Software Engineering Intern

The eBay homepage team is responsible for every user’s first interaction with eBay on the Today & Feed pages.

- Developed a custom on-call system similar to PagerDuty for internal eBay use.
- Implemented a Node/Express backend with React front-end.

Technologies Used: Java Spring, Node.js/Express, React.js, OAuth, SAML SSO, HTML

Applecart

May 2014 - May 2016

Software Engineer

Applecart combines public data and a proprietary social graph to provide targeted voter mobilization services to political campaigns.

- Turned MVP flask app into large scale production Django application.
- Managed large scale web scraping project and processing of several hundred gigabytes of data.
- Extensive integration with AWS, using S3, EC2, Elastic Beanstalk, SQS, and RDS.
- Product contributed to wins in four 2014 gubernatorial elections and was the centerpiece of digital strategy for a 2016 presidential campaign.

Technologies Used: Python, Django, Flask, AWS (Elastic Beanstalk, S3, EC2, SQS, RDS), Codeship CI, MySQL, MongoDB

Penn Labs

December 2013 - January 2015

Software Engineer & Design Lead

PennLabs is a non-profit organization that creates student software at the University of Pennsylvania.

- Led the redesign of PennCourseReview, a major instructor and course review platform on campus.
- Built a custom website for the undergraduate student government .

Technologies Used: Python, Django, HTML, CSS, Sketch

Leadership

PennApps

The oldest and largest student run hackathon in the world.

- Director of Design, Web, Photo, and Video teams
- Led effort to livestream ceremonies and build out video team
- Established a consistent brand packaging used across events

Penn Tech Trek

A 20 student weeklong trip to meet with leaders & alumni at 20+ startups in San Francisco.

- Organizer for 2014, 2015, and 2016 trips
- Planned logistics for travel, accommodations, and meetings
- Contacted and coordinated with several CEO’s and founders