



# Caelean Barnes

Engineering and Design

## SKILLS

Python	Django
JavaScript	React
Java	AWS
HTML	CSS
Node	Shell
Jenkins	Git

## CONTACT



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## WORK EXPERIENCE

### Software Engineer, Investor Services @ Carta

July 2016 – Current

- Built Cap Table Access page, increasing requests by over 50%
- Built Investor Relations page, allowing companies to control the information rights of their investors
- Developed LP document distribution tool for funds and LLCs
- Created Audit Confirmation Report tool to generate excel reports

### Software Engineering Intern, Web Development Team @ Roku

June - September 2015

- Built a custom search engine with autosuggest using React and AWS
- Migrated over 40 web pages to international web framework
- Automated syncing of different version control platforms
- Migrated two roku.com websites from Rackspace to AWS

### CSE Section Lead @ UCSD Jacobs School of Engineering

December - June 2016

- Met weekly to help explain key programming concepts
- Held lab hours to help students solve their issues
- Tested and graded code, projects, and exams

### Research Intern, Internet Research Lab @ UCLA Henry Samueli School of Engineering

June - August 2013

- Collaborated with Prof. Lixia Zhang on the Named Data Networking project building future internet architecture
- Published "Web Based NDN File System Access" demonstrating the benefits of NDN compared to IP Addresses

## EDUCATION

### UC San Diego, Jacobs School of Engineering, 2014 - 18

B.S. Computer Science, Minor Cognitive Science

- 3.5 GPA - Provost Honors
- Club Water Polo, Club Swim, Sigma Chi

### Vrije Universiteit Semester in Amsterdam, 2017

Special studies in Computer Science

- 4.0 GPA - Topics included programming security, information retrieval, and physical computing

## PROJECTS

- Twittermap - View the influence of twitter users based on location
- Livelist - Get updates when craigslist postings match your search
- Instajob - Location based job matching on your phone