

David Harrison

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Education

May 2019 **University of California, Berkeley, Berkeley, CA**, 3.92 GPA.
B.A. in Computer Science

Organizations Computer Science Mentors, Paradigm Shift

Courses Machine Learning, Artificial Intelligence, Data Structures, Efficient Algorithms, Computer Architecture, Circuits, Linear and Abstract Algebra

Skills

Languages Python, Java, JavaScript, C, Ruby, Haskell, OCaml, Elm, PureScript
Frameworks Ruby on Rails, Flask, React
Tools Linux, Docker, Git, L^AT_EX
Domains Ad Tech, Ed Tech

Experience

May - Aug **Real-Time Bidding Intern, Adobe (TubeMogul)**, Emeryville, CA.

- 2017 • Developed monitoring framework for ongoing issues in Python
- Worked on everyday tickets in existing Java codebase

Aug 2016 - **Course Staff, UC Berkeley**, Berkeley, CA.

- Present • For both CS 61A (introduction to programming in Python) and CS 188 (artificial intelligence)
- Lead discussion sections, labs and office hours
- Develop course content (homeworks, projects and exams)

Feb 2015 - **Full Stack Developer, Codevolve**, Alameda, CA.

- May 2017 • Built secure, scalable and performant backend for running and storing code using AWS and Docker
- Frontend development in React
- Backend development using Ruby on Rails and Flask

June - Aug **Junior Software Developer, Dynamic Graphics Inc.**, Alameda, CA.

- 2014 Designed, built and deployed a regression testing framework using Python and the Robot Framework including:
 - Integration for existing test scripts (Bash and Python)
 - Parsers for various data formats
 - Parallel test execution