Christopher Allsman

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Summary of Qualifications

Software engineer skilled in design and analysis. Passionate about finding creative and responsible solutions to big problems. Experienced in working in team environments and able to collaborate effectively, communicate clearly, and manage tasks independently.

Skills

- Expertise in Python & Scheme
- Experience with using Java, C, C++, and Go in large collaborative projects
- Familiar with web programming using Django & PostgreSQL
- Expertise with Git version control

Experience

Aug 2017 - University of California, Berkeley
Aug 2019 *Instructor - CS 61A (May 2019 - Aug 2019)*
Head Teaching Assistant - Content (Aug 2018 - May 2019)
Teaching Assistant (Aug 2017 - May 2018)

- Gave lectures and ran discussion sections for CS 61A, an introductory computer science course at UC Berkeley.
- Designed curriculum for a new online offering of the course with 200 students enrolled
- Addressed logistical and administrative issues such as exam proctoring, grading, and scheduling for 600 students
- Developed lab, homework, and discussion assignments used by up to 1700 students per semester
- Introduced the first new project to the course since 2015, which was recognized as a Nifty Assignment at SIGSCE 2020.

Jan 2018 - Computer Science Mentors
May 2019 *Internal Vice President (Jan 2019 - May 2019)*
Course Coordinator (Jan 2018 - Jan 2019)

- Constructed curriculum and organized logistics for small-group tutoring, serving over 450 students
- Facilitated communication across courses to standardize teaching and administration
- Provided tutors with training in teaching techniques and multicultural competency

Education

2015-2019 BA in Computer Science - The University of California, Berkeley

Graduated with High Distinction