Alec Mouri

Engineer

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Email

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Website

http://amouri.github.io

Skills

Python
Java
Scala
C/C++
Git
Android
Arduino

Education

2012-2015 **BS Electrical Engineering and Computer Sciences** — UC Berkeley
Specialization in Computer Science and Engineering

Experience

2015 **LinkedIn** — Software Engineering Intern
Leveraged Play framework to build backend APIs powering LinkedIn Pulse.
Built RSS feeds for syndication of Influencer posts and content.
Deployed client-side endpoint for sharing to Linkedin and Twitter.
Architected new Avro-schemas for responses from API services.
Coordinated with client and mobile teams to communicate API needs.

2015 **UC Berkeley** — Graduate Student Instructor
Teaching assistant for an upper division operating systems course.
Led multiple discussion sections, held office hours, designed course materials, proctored and graded exams.

2014 **UC Irvine** — Research Assistant
Investigated methods for segmenting and tracking stem cells. Designed an image processing pipeline for implementing these methods.
Consulted faculty concerning desired features and overall functionality to aid future research.

2013-2014 **UC Berkeley** — Reader
Graded homework and provided assignment feedback for a discrete mathematics and probability course.
Mentored students through the material through homework sessions and developed homework rubrics.

2013 **UC Berkeley** — Research Assistant
Investigated symmetries and aesthetics of topological knots.
Applied graphical modeling techniques for producing boundary representations to be sent to a rapid prototyping machine.
Implemented lighting and ray-tracing methods for producing aesthetically pleasing models.

Activities and Societies

2013-2015 **Officer** — Eta Kappa Nu, Mu Chapter
General: Held tutoring hours and led society candidates.
Industrial Relations Officer: Liased with companies to organize infosessions and the UC Berkeley Startup Fair.
Bridge Officer: Maintained a photo repository cataloguing society events. Created a yearbook and slideshow documenting the semester.
Student Relations Officer: Promoting infosessions, managed apparel sales, hosted cookie runs for EECS midtems.