

# Link Arneson

Education	<b>UC Berkeley</b> <i>(August 2015 - expected May 2019)</i> Pursuing B.A. in Computer Science Overall GPA: 3.81; Major GPA: 3.75
Skills	<b>Experienced:</b> Python, Java, JavaScript <b>Proficient:</b> HTML/CSS, C <b>Familiar:</b> Ruby, Rails, SQL
Selected Coursework and Class Projects	<b>CS 61C: Computer Architecture</b> <i>(Fall 2016)</i> Created assembler, linker and computer processor, in C, assembly, and digital circuit design, used Spark, MapReduce, and parallel processing <b>CS 70: Discrete Math and Probability</b> <i>(Fall 2016)</i> <b>CS 61B: Data Structures</b> <i>(Spring 2016)</i> Implemented algorithms, created astronomical simulator, fully functional text editor from scratch, and scalable map with optimized routes in Java <b>CS 61A: The Structure and Interpretation of Computer Programs</b> <i>(Fall 2015)</i> Learned Python, scheme, SQL, built games and scheme interpreter in Python, incorporated functional, declarative, and OOP <b>Student, Girls Who Code Summer Immersion program</b> <i>(Summer 2013)</i> Mastered programming, robotics, web design, and mobile app development in Python, prototyped Facebook business app
Personal Projects	<b>Bank Breaker</b> - Main code developer for side scroller game based on 2016 election built with Vanilla JavaScript <b>Trouvé</b> - Created location based web app for posting and finding random things using Firebase and Google Maps API <b>Pocket Doctor</b> - Engineered medical web app in jQuery for tracking blood sugar/pressure and reminders for taking medications <b>Microtutoring</b> - Rails application to support for small paid tutoring sessions, allowing students to enroll in classes and post bounties for questions
Work Experience	<b>Teaching Assistant, Girls Who Code Summer Immersion Program</b> <i>(June 2016 - August 2016)</i> Adapted and implemented curriculum in Python, game design, robotics, and web design to introduce 20 high school girls to a variety of computer science principles, cultivated supportive community for women in tech <b>Administrative Assistant, Berkeley Therapy Institute</b> <i>(August 2015 - December 2016)</i> Coordinated filing system for multiple doctors, transferred records, operated web system for billing patients, managed and modified company website <b>Stage Management Intern, San Francisco Shakespeare Festival</b> <i>(May 2014 - September 2014)</i> Placed props, cues, and sets, assisted actors, adapted to numerous challenges arising from outdoor production
Activities and Leadership	<b>Lab Assistant for CS61A</b> <i>(Spring 2016)</i> Helped teach the largest CS class in US History, helping students with assignments, holding office hours, and providing vital support for GSIs <b>Website Manager, Society of Women Engineers</b> <i>(Fall 2015)</i> Kept website up to date and maintained job board to effectively communicate club announcements and opportunities to SWE members <b>UC Berkeley CS Scholars Program</b> <i>(Fall 2015 - Present)</i> Participated and helped students in club for students with underrepresented backgrounds <b>Girls Who Code Club, Founder and Student Ambassador</b> <i>(Fall 2013 - Spring 2014)</i> Founded educational club to teach programming to middle and high school girls in partnership with Girls Who Code's national program