

SEOKHYEON “SOCK” RYU

2230 Dwight Way APT #401, Berkeley, CA 94704 | ryusock@gmail.com | (330)-464-6605

OBJECTIVE | To attain a software engineering internship during the summer of 2017.

SKILLS & ABILITIES | Strong knowledge of object-oriented programming with Java, Python, and C. Experienced with web application frameworks such as Django and Ruby on Rails, and adept in use of front-end tools (HTML/CSS, JavaScript).

EXPERIENCE | **WEB DEVELOPER THE DESIGN EXCHANGE @ BEST LABS**
FROM SEPTEMBER 2016 – PRESENT (BERKELEY, CA)

Collaborate with a development team of three to improve the user experience and features of The Design Exchange's website. Improved draft process for researchers so that they can save their work for review before publishing their design methods and case studies on the website. Implemented web responsive feature for mobile devices

PROJECTS DEVELOPER THE DAILY CALIFORNIAN
FROM FEBRUARY 2017 – PRESENT (BERKELEY, CA)

Work with a team of developers in a news organization to collect data and produce visualizations and other creative displays for interactive pieces that relate to local news. Brainstorm and present ideas for new articles that could be published or enhanced by adding interactive and/or data analysis features

EDUCATION | **UNIVERSITY OF CALIFORNIA – BERKELEY, BERKELEY, CA**
ELECTRICAL ENGINEERING & COMPUTER SCIENCE, B.S. (2018)

Relevant coursework: **CS 61A** – Structure & Interpretation of Computer Programs, **MATH 53** – Multivariable Calculus, **PHYS 7AB** – Physics for Scientists & Engineers, **CS 61B** – Data Structures, **MATH 54** – Linear Algebra & Differential Equations, **CS 61C** – Computer Architecture, **CS 70** – Discrete Math and Probability, **EE 16AB** – Designing Information Devices & Systems, **CS 188** – Artificial Intelligence, **CS 170** – Introduction to CS Theory, **CS 168** – Introduction to the Internet: Architecture and Protocols, **CS 186** – Database Systems, **CS 161** – Computer Security, **CS 162** – Operating Systems & Systems Programming

WOOSTER HIGH SCHOOL, WOOSTER, OH
HIGH SCHOOL DEGREE (2014)

Valedictorian, National Merit Scholar, National AP Scholar

LEADERSHIP | **PROFESSIONAL DEVELOPMENT OFFICER, UC BERKELEY BRANCH OF IEEE**
FROM SEPTEMBER 2016 – PRESENT (BERKELEY, CA)

Organized IEEE's bi-annual Research Mixer events, where graduate students from EECS labs present to undergraduate students about research opportunities on campus.