Benjamin Darnell

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EDUCATION

University of California Santa Barbara *Sept, 2018–Present*
B.S. in Computer Science, College of Creative Studies GPA: 3.96/4.0
Expected Graduation: June 2022

Kehillah Jewish High School *2014–2018*
Palo Alto, CA GPA: 4.35

SKILLS

Languages: Python, C/C++, Java, HTML/CSS, Javascript, React, Bash, COBOL.

Tools: Git, Jira, Photoshop, Vim, Unix shell.

Relevant Courses: Data Structures & Algorithms, Formal Languages, Machine Learning, Parallel Programming, Computational Geometry, Android Development, Compilers, Operating Systems, Runtime Systems.

EXPERIENCE

Undergraduate Research Assistant Santa Barbara, CA
UCSB PL Lab *June, 2020–Present*
· Creating languages to describe SoC Hardware Protocols, a project advised by Dr. Jonathan Balkind.
· Designed and created a C++ command-line tool for automated problem generation for use in UCSB Formal Languages courses with Dr. Ben Hardekopf.

Undergraduate Learning Assistant/Remedial Tutor Santa Barbara, CA
Department of Computer Science, UCSB *Jan, 2020–Present*
· Tutored upper-division Data Structures (CS 130A) and Algorithms (CS 130B) classes.
· Provided one-on-one support, led review sessions, graded assignments.

Jobvite, Inc. San Mateo, CA
Engineering Intern *June–Sept, 2019*
· Built a framework for Automation testing of Jobvite's Candidate Self-Scheduling web-interface in Java using the Selenium webdriver, and automated a suite of QA test cases.

Baobab Studios Redwood Shores, CA
Engineering Intern *May–Sept, 2018*
· Performed QA testing on scenes in *Crow: the Legend*, a Oculus Virtual Reality game.
· Wrote scripts to automate audio/video conversion with ffmpeg to support mobile platforms.

Los Alamos National Laboratory Los Alamos, NM
Laboratory Assistant (Center for Integrated Nanotechnologies) *Jun–Aug, 2017*

EXTRACURRICULARS

Logistics Coordinator, SB Hacks *March 2020–Present*
· Manage budget, venue, catering, and website for UCSB's inclusive student-run hackathon.

Awards/Honors:
· CCS Summer Undergraduate Research Fellow *Summer 2020*
· University of California Regents' Scholar (Top 1% of applicants)
· National Merit Commended Scholar (CA)