

SAM C. LEE

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EDUCATION

University of California, Davis

Bachelor of Science in Computer Science and Engineering 2019

UC Davis University Honors Program

Tau Beta Pi Engineering Honor Society (top 8th of junior year engineering class)

SKILLS

LANGUAGES (PROFICIENT): C++, JS, C#

LANGUAGES (FAMILIAR): Lua, Java, Python

TOOLS: CLI, Git, Agile Development

EMPLOYMENT

Workday

Software Development Intern

June 2018 to Sept. 2018

- Improved performance of the Workday application by consolidating four separate financial reports into a single, user-extendible report

- Practiced agile development principles and built unit tests with the Workday automation platform

Cognivive, Inc

Software Development Intern

June 2017 to Sept. 2017

- Developed five virtual reality experiences with C# and Unity for the Oculus Rift to treat cognitive-visual impairments

- Built internal tools to assist with general VR development

UC Davis Department of Entomology and Nematology

Research Intern

Mar. 2016 to Mar. 2018

- Wrote software in MATLAB to efficiently compile thousands of data files into human-readable summaries

PROJECTS

Dungeonerator (JS, Canvas)

Portable program for procedurally generating maze-like maps using simulated annealing

Cellular Automatester (JS, pixi.js)

Web app for observing patterns in cellular automata of different rules

AR Bus (Unity, Vuforia)

Augmented reality mobile app for checking bus routes at a glance. Won the Deloitte Digital Prize at the hackathon "citizenAR"

Junk Mail (Unity, Google VR SDK)

Cardboard VR game built in 24 hours for the 2018 Global Game Jam

ACTIVITIES

Game Development & Arts Club · President

Nov. 2016 to Current

- Tripled meeting attendance rate since assuming position by organizing club projects and industry trips

- Organized Davis chapter of Global Game Jam 2018 for 30+ attendees

AWARDS

Dean's Honors List 2015, 2016, 2017

2016, 2017, 2018 Entertainment Software Association (ESA) Foundation Merit Scholarship

2015 UC Berkeley - Pioneers in Engineering (PiE) Merit Scholarship