BENJAMIN J. GOLDEN

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EDUCATION

Oregon State University September 2015 - Present
Bachelors of Science in Electrical and Computer Engineering Upper Division GPA: 3.4/4
Minor in Computer Science Cumulative GPA: 3.2/4
Graduation Date: June 13 2020

WORK EXPERIENCE

Lam Research - Tualatin, OR May 2019 - Present
Electrical Engineering Intern

- Designed and implemented a high accuracy power measurement device to gauge pedestal temperature.
- Developed and tested low level embedded software in C/C++.
- Wrote data acquisition software to quickly and efficiently determine system performance.

Oregon State University - Corvallis, OR December 2016 - May 2017
Teaching Assistant for ECE111/ECE112

- Held lecture every week on engineering topics that students would apply in lab.
- Held weekly meetings with OSU staff to relay feedback about the courses I had taught.
- Created and graded assignments to gauge students understanding of topics covered in lecture.

EXTRACURRICULAR ACTIVITIES, INTERESTS, & PROJECTS

Tau Kappa Epsilon - President, Social Media Outreach & Alumni Coordinator From 2016 to 2018 I served in various position in Tau Kappa Epsilon, including President during which my greatest achievement was securing a $300,000 investment in conjunction with the fraternity's alumni association to remodel the chapter's house.

Medivac - Biomedical Devices Part of a start-up company developing a portable, cooling system for long term storage of temperature sensitive medicine, like Insulin. My responsibilites within this team were creating the system's power supply, developing the PCB and writing software to interface with the systems' peripherals.

TECHNICAL STRENGTHS

Computer Languages	C/C++, Python, MATLAB
Software & Tools	MPLAB, Autocad, Modelsim, Kicad, LTSpice, ATLAS
Circuit Design & Analysis	Mixed-Signal, High Voltage, PCB Layout, SPI/I2C, RS-232

RELEVANT COURSES

Core Courses
Electronics I and II
Signals and Systems I and II
Transmission Lines
CMOS Integrated Circuits
VLSI System Design

Computer Science Courses
Data Structures
Computer Networking
Computer Organization and Assembly
Software Engineering II
Operating Systems