George Dubinin
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Qualifications and Skills

I am an avid learner with a variety of interests centered primarily around web application development and digital audio technology. When it comes to working in a team environment, however, my favorite aspects are the interpersonal relationships I build with all members of the group. I have a very energetic and enthusiastic personality and I feel most fulfilled when I can help guide a team to success and resolve conflicts and friction along the way. The best part about working in teams for me is getting to meet all members of the group and understand their strengths, weakness, and passion.

I am comfortable with most mainline web dev technologies including Javascript, Typescript, HTML, CSS and technologies like Docker and GitHub all of which I have integrated into projects for various classes and personal projects. I am also comfortable writing native code with C++, Java, and Python. I am also very interested in low-level programming with C and I have experience working with 32-bit ARM and MIPS assembly.

Education

University of California, San Diego (Fall 2020 – Present) [GPA: 3.83/4.00]

- **Relevant Classes:** Computer Architecture/Assembly Programming, Software Engineering, Linux Based Software Tools, Modern Cryptography, Computer Graphics

Santa Rosa Junior College (Fall 2018 – Spring 2020) [GPA: 4.00/4.00]

Software & Computer Technologies

- **Software Technologies:** PowerPoint/Google Slides, Excel/Google Sheets, VS Code
- **Web Technologies:** Dockerfiles, GitHub Actions, Django, HTML, CSS, JavaScript
- **Audio Technologies:** Avid Pro Tools, Ableton Live, Cakewalk Sonar, JUCE VST Framework

Work Experience

Palo Alto Networks   Summer 2021
Cloud & AI Services Architect Intern

- Co-developed a customer-facing workshop about Cyber Threat Intelligence
- Drafted abstracts for a whitepaper document and several keynote presentations
- Designed PowerPoint presentation marketing materials

University of California San Diego   October 2021 - Current
IT Classroom Maintenance Technician

- Performed routine inspections on classroom tech
- Troubleshot and resolved equipment issues

Institute of Reading Development   Summer Employment 2017, 2018, 2019
Operations Intern

- Coordinated incoming and outgoing shipments for remote employees
- Carried out clerical duties including data-entry, filing, and bookkeeping

Software Projects

Ziggomatic   *9-bit single-cycle microarchitecture design in SystemVerilog*
Team lead, hardware design, HDL implementation, testbench creation/debugging, simulation, and synthesis

My Meal Journal   *local-first web app designed for restaurant journalling*

Chainlink   *personal portfolio site designed for portability and customizability*

REFINARY-GRIT   *multi-parameter VST saturator implemented with JUCE C++*