Donovan deVise

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WORK EXPERIENCE

Praxis Engineering   **Jan. 2025 – Present**
Software Engineer I   *Annapolis Junction, MD*

- **Improved cluster uptime by 40%** by implementing liveness and readiness probes using Helm charts, which automatically detected and restarted unhealthy containers without impacting end-user experience.

- **Reduced manual release effort by 70%** by building CI/CD pipelines to deploy Kubernetes clusters and test infrastructure automatically.

Vulnerability Research Labs   **June 2023 – Dec. 2024**
Software Engineer   *Columbia, MD*

- **Increased task efficiency by 74%** by designing a Python plugin to execute remote tasks via AsyncSSH and SFTP.

- **Enhanced test coverage by 130%** across Android and Windows devices by developing custom Ansible inventories and Pytest suites.

Kensington Park Senior Living   **May 2020 – Aug. 2022**
Technical Services Consultant   *Kensington, MD*

- Set up and repaired computers, printers, and TVs to improve event coordination and living standards.

EDUCATION

University of California, Santa Cruz   **December, 2024**
Bachelor of Science, Computer Science   *Santa Cruz, CA*

- **GPA: 3.9/4.0**; *Summa Cum Laude*; Honors; Undergraduate Dean's Merit Scholarship

Montgomery College   **May, 2022**
Associate of Arts, Computer Science   *Germantown, MD*

- **GPA: 3.8/4.0**; Honor Roll; Dean's List; Phi Theta Kappa Honor Society
- Oversaw 200+ members as president of Chess Club and Dead by Daylight Gaming Club.

PROJECTS

EventMap   **President, Patent Holder**

- Map-based social media app that allows **100+ users** to discover, create, and advertise public/private events. **Used by UC Santa Cruz Student Services as their main event management app.**

ReAInvent   **Co-Founder, Full-Stack Developer**

- Question-answer chatbot for YouTube videos that uses semantic search and LLMs to extract relevant information with timestamps for efficient learning.
- Integrated OpenAI's models and semantic search algorithms, reducing time spent searching video content.

SKILLS & INTERESTS

- **Technologies:** Python, Node.js, AWS, Open Source RDBMS, NoSQL, Ansible, Kubernetes, Docker, Git, Bash, Linux, Windows, C++, Vim, Java, SQL, C#, JavaScript, React.js,
- **Skills:** Software Design, Agile Principles, Networking, LLMs, Software Development, DevOps, Open Source
- **Interests:** Weightlifting; Gaming; Guitar; Traveling; Fishing; Reddit; 60's Rock