PAUL KHAYET
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EDUCATION

University of California Irvine   **Irvine, CA**
BS in Computer Engineering   *Graduated: March 2024*
- Significant Courses: *Data Structures and Algorithms, Artificial Intelligence, Systems Security, Electrical Engineering Analysis, Data Management, Machine Vision, Operating Systems, Computer Networks, VLSI*

UC Irvine Solar Car Team   **Irvine, CA**
Motor Team Lead   *December 2021 - June 2023*
- Led a team of 7 in the integration of electric motor components, ensuring seamless collaboration and communication between hardware components
- Fine-tuned MCU (Motor Control Unit) software to optimize efficiency, resulting in a 67.7% reduction in energy usage by lowering power and decreasing acceleration

WORK EXPERIENCE

Expedia Group   **Seattle, WA**
Software Development Engineer Intern   *June 2023 - September 2023*
- Collaborated with a team of 5 to design, develop, and deploy an automated cloud invoice processing system for VRBO, responsible for transferring ~$1.7 Billion per year within the USD jurisdiction
- Mastered AWS tools (Lambda, S3, SES, etc.) to complete the project, despite having no prior experience
- Spearheaded the implementation of an error processing system utilizing SQS retries and SES email notifications, safeguarding 44 separate data entries from errors

Solidigm (Formerly: Intel SSD)   **Folsom, CA**
Hardware Technical Intern   *June 2022- May 2023*
- Engineered a system for managing time allocation of server throughout all of Solidigms B2B operations
- Deployed functionality that displays server availability, hardware, and OS allowing for a more streamlined reservation system for 24+ servers
- Updated and configured over 45 petabytes worth of SSD samples to meet corporate clients needs

IP Jurists Law Firm   **El Dorado Hills, CA**
IT Intern   *October 2018 - February 2019*
- Enhanced cybersecurity by installing Cisco AnyConnect VPN on 22 company computers
- Orchestrated the setup and deployment of 8 new laptops, installing and updating all necessary software

TECHNICAL SKILLS

Programming Languages: Java, Python, C++, C, SQL, Verilog, HTML/CSS
Tools/Concepts: Agile Methodologies, Scrum, Git, VIM, IntelliJ, SSH, RESTful API, Splunk, Visual Studio, Microsoft 365, Docker
AWS Systems: Lambda, S3, SQS, SES, IAM, CloudFormation

ACTIVITIES

UC Irvine Hillel Foundation   **Irvine, CA**
Board Member   *February 2022 - June 2023*
- Orchestrated Shabbat dinners for 20-40 attendees, managed transportation and catering to elevate community engagement
- Planned and executed 6 school events alongside board members, creating a vibrant and inclusive atmosphere