PAUL VU

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EDUCATION

University of California, Los Angeles | B.S. Computer Science *Expected June 2022*

EXPERIENCE

Software Development Engineer Intern | Amazon Web Services (AWS) *June – September 2021*
- ❖ Provided users more detailed performance metrics (CPU usage, memory usage, network usage, disk storage) for AWS EC2 instances
- ❖ Improved UI to display performance metrics for AWS EC2 instances with updated frontend components using **React** and **Typescript**
- ❖ Developed **Bash** and **PowerShell** scripts to retrieve metrics from Linux and Windows systems
- ❖ Integrated project into production with CI/CD pipeline

DevOps Engineer | UCLA Student Media *October 2019 - Present*
- ❖ Creating self-help kiosk application for Photo Studio with **JavaScript** through **Node.js** to check in, make appointments, and check for orders
- ❖ Designing frontend of application website for UCLA Student Media using **HTML** and **CSS**
- ❖ Working in a team environment and collaborating on tasks using **Git**

Webmaster | Theta Tau at UCLA *December 2019 - Present*
- ❖ Managing website using **HTML** and **CSS** for entire organization

PROJECTS

Stock Companion *July 2020*
- ❖ Built web application using **Python** with **Django** framework to monitor fluctuating stock price of various companies
- ❖ Implemented customizable list of favorite companies with **SQLite** to track and follow
- ❖ Styled application dashboard with **HTML** and **CSS**

Sonic Pi Music Code *December 2019*
- ❖ Produced music through code that can be performed live
- ❖ Coded in **Ruby** to manipulate samples and synthesizers and apply effects and parameters

COURSEWORK

Web Applications	**Algorithms**	**Operating Systems**
Database Systems	**Computer Graphics**	**Artificial Intelligence**
Data Structures	**Discrete Mathematics**	**Logic Design**

SKILLS

JavaScript	**TypeScript**	**Java**	**HTML/CSS**	**Bash/Linux**
React	**C/C++**	**Python**	**Node.js**	**Git**