

Patrick Quach
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EDUCATION

California State Polytechnic University Pomona – Pomona, CA Graduation: May 2019
Bachelor of Science in Computer Science Overall GPA: 3.77

WORK EXPERIENCE

Moebius Solutions Inc. – San Diego, California December 2019 – Present
Jr. Software Engineer II

- Front End Development using Java MVC pattern
- Created instructional documentation for syncing Java Swing UI with web app console
- Built front-end web app using React/Redux and desktop app using Electron framework
- Refactored code to use newly introduced React Hooks

Rimrock Capital Management – Irvine, California July 2019 – September 2019
Software Developer Intern

- Automation: Wrote Python scripts to archive local database records to AWS server
- Database: Created and improved stored procedures for automation and backend API use
- Bug fix: Fixed frontend UI error due to the incompatibility issue with backend database.
- Testing: Wrote unit tests for Python automation and database tests for stored procedures

Vanguard IT Solutions – Covina, California August 2018 – April 2019
Web Developer/Designer Intern

- WordPress: Designed, maintained, and managed contents of clients' website

Transfer Math Activities Resource Center – Walnut, California 2016 – June 2017
Math and Computer Science Tutor

PROJECTS

Art Gallery Database: Implemented a program that can modify and query information from a local hosted database, then display info based on user choice. (Java, SQL, MySQL Workbench)

IOS Infinite Runner Game: A 3D game in which the player is constantly trying to avoid obstacles while collect buffs and items to reach high score. (C#, Unity Game Engine)

Comic book Website: Contributed in designing and developing a dynamic website hosted on AWS. The database stores user info and online activities. (Python, HTML, CSS, SQL, Django)

SKILLS

- Languages: Java, C++, C#, JavaScript, TypeScript, Python, SQL, HTML, CSS
- Technology: MS SQL, MySQL, ReactJS, Redux, Electron, Docker, Unity, Django, WordPress, BitBucket, Jira, Confluence, VersionOne, Git, TortoiseSVN
- Fluent in Vietnamese, Cantonese, and familiar with Mandarin