

**Patrick Quach**  
10030 Paseo Montril, San Diego, CA 92129  
(909) 395-6612 | patrickquach96@gmail.com | [patrick1311.github.io/portfolio](https://patrick1311.github.io/portfolio)

## 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