PAETIN NELSON

3404 SE Market St., Portland, OR 97214

+1503-729-0144   paetin.nelson@gmail.com   linkedin.com/in/paetin-nelson   github.com/paetinspier
paetinspier.github.io/paetinnelson

Experience

NextFan.com **August 2022 – Present**
Software Engineer Intern *Los Angeles, CA (Remote)*
- Collaborated with a 5-person team to implement an Admin portal to create business and transnational analytic features to increase efficiency of the admin team.
- Developed and implemented user authentication/authorization for iOS and Android devices using Flutter and both NoSQL and SQL databases.
- Developed and implemented push notifications for iOS and Android devices using Flutter and Firebase.
- Explored Customer Support best practices and integrated third party software including ZenDesk cutting customer support time by 50%.
- Created HTML email templates for customer receipts, newsletters, and notifications. Customized MailGun to send HTML emails using Node.js REST API.
- Collaborated with team members using version control systems such as Git and GitLab to organize and assign tasks.
- Employed software engineering methodologies such as SCRUM and agile throughout development.

The University of Redlands **January 2020 – April 2022**
Teaching Assistant *Redlands, CA*
- Grading Assistant and Student Tutor for the Director of the Computer Science and Mathematics Department
- Tutored university students in Data Structures and Algorithms courses in Java and Web Development course in HTML, CSS, JavaScript, PHP and SQL.

Projects

Redlands Business Reviews App | *Java, Android Studio, Git, GitKraken* **April 2021 – May 2021**
- Developed an Android mobile application to help the Redlands community find local businesses that satisfy their customer needs.
- Lead the development with four other developers utilizing Scrum and Agile Methodologies.

Bluetooth RC Car | *Arduino C++* **April 2019 – May 2019**
- Constructed Bluetooth RC car using a breadboard and an Arduino Uno Microcontroller.
- Used the Arduino Software IDE to program the car allowing for multi-directional movements and to utilize the proximity sensors on the front of the car.
- Utilized IOS mobile application to enable user to control the car via Bluetooth connection.

Education

The University of Redlands **Redlands, CA**
Bachelor of Science in Computer Science, Minor in Mathematics

Relevant Coursework

- Data Structures and OOP
- Theory of Algorithms
- Web Development
- Mobile Programming
- Game Programming and AI
- Software Engineering
- Discrete Mathematics
- Differential Equations

Technical Skills

Languages: Java, JavaScript, TypeScript, Dart, HTML/CSS, SQL, Python (NumPy, Matplotlib)
Developer Tools: Git, Eclipse, Visual Studio Code, Atom, Android Studio, IntelliJ,
Technologies/Frameworks: React.js, Angular, Flutter, PostgreSQL, Bootstrap, Node.js, GitHub, Java WindowBuilder, WordPress, Material UI, Tailwind, Postman, Google Firebase, Nest.js

Leadership / Extracurricular

Men's Soccer **August 2018 – March 2022**
NCAA DIII *University of Redlands*
- 2021 Southern California Intercollegiate Athletic Conference (SCIAC) Champions.
- 2021 NCAA DIII Region X Champions.
- 2021 NCAA DIII National Tournament Sweet 16.
- 4 year varsity athlete.