

# Ramon Costa-Patel

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## EDUCATION

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### University of Washington

*Bachelor of Science in Computer Engineering*

Seattle, WA

*Sept. 2023 – Jun. 2026*

### Bellevue College

*No degree*

Bellevue, WA

*Sept. 2022 – Jun. 2023*

## EXPERIENCE

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### Systems Team Consultant

*UW Academic Technologies*

Jan. 2024 – Present

*Seattle, WA*

- Administered and supported 1,000+ macOS and 500+ PC-based systems across campus, ensuring system uptime and performance
- Designed and led deployment of new Linux lab environment with Active Directory authentication—a first-time implementation at UW
- Assisted in campus-wide hardware rollouts and equipment relocations, ensuring professional setup and cable management
- Worked cross-functionally with team leads and FTE staff on IT initiatives using Agile and Scrum methodologies
- Conducted routine hardware diagnostics and maintained asset records for software and equipment inventory
- Proactively researched technical issues and provided effective, user-focused solutions to staff and faculty

### Fundamentals of Computer Science II TA

*Bellevue College*

Mar. 2023 – Jun. 2023

*Bellevue, WA*

- Facilitated virtual office hours to support students on recursion, data structures, algorithm efficiency, OOP.
- Guided in implementing efficient solutions using stacks, queues, trees, linked lists, and hashing techniques
- Provided feedback on assignments and projects, emphasizing code correctness, clarity, and performance.

## PROJECTS

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### DUET | *Dart, Flutter, Firebase, SpotifyAPI*

Jan. 2025 – Mar. 2025

- Developed a web app that connects users through shared Spotify listening habits, creating real-world friendships based on musical compatibility.
- Engineered real-time chat functionality using Firestore to enable seamless in-app communication.
- Built using Dart and Flutter, integrating Firebase for authentication and data management.
- Constructed a scalable backend system leveraging Firestore and Firebase Auth for efficient user and data handling.

### Wedding RSVP | *TypeScript, HTML, JavaScript, Node.js, React*

Jun. 2024

- Developed a full-stack RSVP management application using TypeScript and server-side logic to streamline wedding guest tracking.
- Built dynamic forms for collecting dietary preferences, guest names, and plus-one information with real-time client-side validation.

## TECHNICAL SKILLS

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**Languages:** Python, Java, C# C++, HTML, JavaScript, TypeScript, SQL, Dart

**Frameworks:** React, Node.js, Jamf, Next.js, JUnit, Flutter, PyTorch, Tensorflow

**Developer Tools:** Git, Microsoft Azure, Bash, SQLite, SystemVerilog, Firebase, VSCode, PowerShell, Vercel, GDB

**Other Skills:** Spanish, French, Catalan