

Micah Heneveld

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SUMMARY

Energetic, hardworking, and personable software engineer with strong communication skills and a love for learning. Takes pleasure in achieving the needs of clients and surpassing expectations. Willing, able, and experienced in learning quickly to solve problems. Effective team player looking to serve the needs of clients.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, C++, Java, Python, Dart

Web / Frameworks: Svelte, Astro.js, React Native, Django, Flask, Flutter

APIs / Specs: OpenAPI, Swagger

Databases: MySQL, PostgreSQL

Version Control: Git

Tools / IDEs: RIVE Studio, Visual Studio Code, IntelliJ, Android Studio

Soft Skills: Quick learner, Level-headed, Strong initiative, Excellent communicator, Love for work & learning

EXPERIENCE

Bee Green Recycling & Supply — Applications Developer

August 2026 – Current • Oakland, CA

- Provided consultation for e-commerce mobile app creation and design.
- Designed and pitched mock app user interfaces to the executive team and collected feedback.
- Building, designing, and deploying an e-commerce app for Bee Green.
 - Fundamental e-commerce login, browse, search, and checkout functionality on the client side.
 - Integration with BisTrack, Bee Green's ERP system
 - Development of Backend For the Frontend (BFF)
- Close collaboration with corporate to access, learn, and integrate with company production resources.

Cal State Monterey Bay — User Experience Analyst I

July 2026 – Current • Seaside, CA

- Provided consultation for KIN 114 mobile app integration during KIN 114 revamp meetings.
- Designed and pitched mock app user interfaces to the revamp team and collected feedback.
- Built, designed, and deployed a walk tracking app for KIN 114.
 - Strava-like walk tracking functionality.
 - Integration with CSUMB class software Canvas - allowing students to submit assignments without navigating away from the app.
 - Animated UI elements, including interactive RIVE assets.
 - Gamified reward system for app users.
 - Deployed on Apple App Store and Google Play Store.

Cal State Monterey Bay — Research Assistant

August 2025 – May 2026 • Seaside, CA

- Developed the IRB, procedures, software, abstracts, and recruited for the *Evaluating Influences of App-Based Feedback on Exercise Autonomy in Resistance Trained Adults* study for the Kinesiology Department at California State University, Monterey Bay.
 - Created a mobile application on React Native using JavaScript and distributed to the Apple App Store.
 - Designed user-specific feedback UI and artificial intelligence fitness coaching.
 - Engineered the AI aspect of the study, Gary. Gary's UI is an interactive SVG developed through RIVE. Gary's AI aspect was a collection of JS functions that pulled user data, condensed it, and then generated a prompt for an OpenAI API call. The API call was configured for a Retrieval Augmented Generation system, which utilizes vector storage on OpenAI, to require generated responses to pull and cite from a list of predetermined peer-reviewed study curricula.
- Contributed to the *Comparative Analysis on Physiological Indices Amongst Super Smash Bros. Ultimate Players* study by supporting testing software, data collection, and recruitment. Developed a controller test using HTML and JS. The test measures cognitive and dexterity abilities using handheld hardware. The results of the test are displayed to the user and downloaded as a JSON for further analysis.

Appwrite — CIS-CodeDay SWT Micro-Internship (*Svelte, JavaScript, OpenAPI*)

June 2025 – August 2025 • Remote/Team collaboration

- Worked on a team to contribute to Appwrite, which provides an API that acts as an easy-to-implement backend to 300k+ developers wanting to fast-track setting up a quality backend for their project. Our team included two open source contributors(myself included) and a software developer for Texas Water Development Board, who acted as a mentor.
- Learned Svelte and codebase quickly, submitting a PR within the first 2 weeks of being introduced to open source and Appwrite.
- Debugged and fixed the behavior of an alert in **Svelte** that would alert users if one of their project's users has been verified. Communicated with maintainers to implement a stylistic change as well(PR: [fix-1932](#)).
- Corrected the Appwrite **OpenAPI** generator to provide accurate responses to certain endpoints. Generated and pushed updated APIs(PR: [fix-810](#)).
- Updated the Appwrite **Svelte** frontend to use the newest APIs for documentation instead of an outdated hardcoded API version (PR: [fix-2283](#)).

GEAR UP — In-Class Tutor

September 2024 – May 2026 • Seaside, CA

- Tasked with data entry for student engagement with GEAR UP at Seaside High School.
- Co-developed workshops and programs for GEAR UP students.
- Worked alongside Math 2, Math 3, and Math 4 teachers at Seaside High School to promote student learning as an in-class tutor.

Shasta College — Supplemental Instructor

January 2024 – May 2024 • Redding, CA

- Led out-of-class C++ coding sessions where students participated in class exercises that bettered their understanding of class material. Responsible for setting up sessions' on-campus location, scheduling session time, selecting session curriculum, presenting during the session, and guiding students through session activities.

Shasta College — Student Tutor

October 2023 – May 2024 • Redding, CA

- Provided student learning support at the Learning Center; documented attendance and scheduled tutoring appointments.
- Assisted students in math and CIS coursework.

Build It — Summer Tech Camp, Tech Educator

June 2018; June 2019 • Redding, CA

- Prepared and presented materials that taught students how to write visual code; provided technical and physical support to attendees.
- Set up the software and hardware required for camp activities.

EDUCATION

California State University, Monterey Bay — B.S., Computer Science

August 2024 – May 2026 • Seaside, CA

Shasta College — Office and Computer Technologies *(Earned two additional A.S./A.A. degrees)*

August 2017 – June 2023 • Redding, CA • GPA: 3.86

New Day Academy — High School Diploma

August 2016 – June 2020 • Alturas, CA • GPA: 4.0; Varsity basketball captain *(American Christian Academy)*

ADDITIONAL INFORMATION

Home Address: 3134 Fredericksburg Ct, Marina, CA 93933