

Michael Fernandez

Passionate software engineer with hands-on experience throughout the development lifecycle, from planning to implementation and maintenance. Soon to graduate with a M.Sc. in Software Engineering, and looking to reenter the workforce.

RELEVANT EXPERIENCE

Digital Schools, Salinas — *Software Developer II*

December 2017 - August 2019

- Created a new human resources and administrative management Angular application for school districts and counties.
- Migrate Flex/ActionScript legacy code into Angular/TypeScript.
- Improved and expanded pre-existing .NET Core back end.
- Developed in an XP/Agile environment.

EyeMax Vision Plan, Inc., Watsonville — *Software Engineer*

September 2017 - November 2017

- Developed features for EyeMax's CRM to manage interaction between EyeMax, eye doctors, patients, and eyewear manufacturers.
- Communicated software requirements directly with the CEO.
- Utilized a JQuery, PHP and MySQL stack.

CTB-McGraw Hill Education, Monterey — *Online Projects Manager / Supplier Management Specialist*

May 2010 - December 2015

- Developed and deployed high-stakes standardized-testing web content.
- Organized multi-department procedures.
- Trained and managed vendors in mass production of content conversion from PDF files and books into web-based content.

EDUCATION

California State University, Fullerton *Master of Science in Software Engineering*

August 2019 - expecting May 2021

California State University, Monterey Bay *Bachelor of Science in Computer Science*

January 2016 - May 2017

- Teaching Assistant for the course: *Programming and Problem Solving*.
- Officer of ACM (Association for Computing Machinery) student club.

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BEST SKILLS / TOOLCHAIN

- JavaScript / TypeScript
- React / Redux
- Angular
- GraphQL / Apollo
- Node.js / Express
- Prisma
- Dart / Flutter
- Git / Github
- PostgreSQL / MySQL
- MongoDB
- Quick to learn new tools

RECENT PERSONAL PROJECTS

- **Eop:** App for image and video based documenting and exploration of events through journaling and surveillance. Uses GraphQL, Node, Express, Apollo, and PostgreSQL for API. Uses React with Redux for web app, and Flutter for mobile.
- **PostAR:** Mobile AR app built with React Native, Node, Express, and MongoDB. Allows users to post messages in augmented reality attached to GPS points.
- **Dating App:** Seeded prototype to demonstrate user and profile creation, authentication, authorization and best practices. Built with Angular front end and .NET Core back end connected to a MongoDB database.