

Mario Palma

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OBJECTIVE

Computer science graduate with strong analytical and problem-solving skills with website development and computer science tutoring experience. Seeking a position as a Software Engineer or Web Developer.

EDUCATION

Bachelor of Science in Math-Computer Science | University of California - San Diego | March 2018

Associate of Science in Mathematics & Computer Science | El Camino College | Honors Transfer Program | June 2015

SKILLS

Software/Web Development

- Developed and deployed full-stack web applications
- Worked with the following technologies:
 - Front-end: HTML, CSS, JavaScript (React.js), GraphQL (Urql)
 - Back-end: Node.js, PHP, C++, Java, Python
 - Database: MySQL, PostgreSQL, MongoDB
 - Tools: Git, Mac/Linux Terminal, Visual Studio Code, Cloud Hosting
- Data structures, algorithms, and object-oriented programming

Communication and Leadership Skills

- Collaborated with faculty and several professors to more effectively tutor students El Camino College
- Experience leading and facilitating collaborative learning workshops with up to 15 students at UC San Diego
- Mentored computer science students at El Camino College to help them transfer to 4-year universities

Language Skills

- Fluent in Spanish

WORK EXPERIENCE

Advanced Computer Science Tutor | El Camino College | Torrance, CA | September 2018 - Present

- Worked with professors to help teach students good coding style including code readability, modular coding, code simplicity, testing, and debugging.
- Head tutor of a new computer science cohort program that includes 20 undergraduate students from El Camino College and CSU Dominguez Hills (Warrior-Toro Computer Science Pathway program).

Math Workshop Facilitator | University of California - San Diego | La Jolla, CA | March 2017 - March 2018

- Programmed and led math workshops that were two hour sessions held twice a week with up to 15 students.

PROJECTS

- **GramPal (Web App):** A web application inspired by Instagram (<https://grampal.mariopal.dev>). Built using React.js, Node.js and MongoDB. Source code: <https://github.com/mario-pal/GramPal-Public>
- **PostPal (Web App):** A web application inspired by Reddit (<https://mariopal.dev>). Built using TypeScript, React.js, GraphQL(Urql/Apollo), Node.js, PostgreSQL. Source code: <https://github.com/mario-pal/PostPal>
- **SoundPal (Web App):** Users can create an account to upload and share sound clips (www.soundpal.xyz). Built using PHP, MySQL, and Bootstrap front-end library. Source code: <https://github.com/mario-pal/Soundboard>