

Education:

University of Redlands | Redlands, CA

September 2013-April 2017

- Bachelor of Science in Physics, emphasis in Computer Programming
- Minor in Mathematics
- Relevant Coursework: Programming for the World Wide Web, Numerical Analysis, Electronics Applications, Advanced Experimental Physics, Object Oriented Programming.
- Conducted independent research on computational analysis of Mie-Lorenz-Debye light scattering, using Arduino programming to analyze complex partial differential equations.

University of Oregon | Eugene, OR

June 2016-August 2016

- Summer elective coursework in System Administration (CIS 399)
- Worked in groups to manage several AWS EC2 Linux virtual machines.
- Created an email server using the Sendmail MTA.

Programming Skills:

Proficient in: Javascript, PHP, SQL, Git

Competent with: Java, C++, Python, Ruby on Rails, Typescript

- Able to create dynamic front-end applications both with React and other frameworks and from pure HTML, CSS, and Javascript.
- Able to work with both relational and non-relational databases.
- Experience with Javascript ES6, including strong object-oriented knowledge.

Professional Experience:

Fayeboo

React Developer

- Created a website with React based frontend routing and UI to make a dynamic user experience.
- Developed a RESTful API using express.js and MongoDB to process, store, and return JSON data.

Project: Spotify Playlist Manager

Backend Node.js

- Communicates with Spotify's web api on both a node.js server and android devices.
- Includes authenticating users and dynamically reads, searches, and updates Spotify databases.

Past Employment:

Stronghold Climbing Gym

April 2017 - Present

Crux Rock Gym

Summer 2016

Arcadia Rock Climbing

Summer 2015

Personal Site [Pasha.codes](https://pasha.codes)

Github github.com/Pasha-Marki

LinkedIn linkedin.com/in/pasha-marki-228500144/