




# Michael Arnold

Software Engineer | [www.ecstatech.com](http://www.ecstatech.com)

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Engineering graduate turned programmer; I am a self-taught software engineer who loves building beautiful apps that live on the web. Currently, I'm looking for opportunities to expand my technical and soft skills as an engineer. My goal is to help my clients in the design, development, and maintenance of their software.

## Technical Skills

- Programming**
  - HTML5
  - CSS3
  - JavaScript
  - PHP
  - Python
- Frameworks & Libraries**
  - SCSS
  - Bootstrap
  - React
  - Laravel
- Development Tools**
  - Visual Studio Code
  - Adobe XD
  - UNIX
  - Git

## Education

- 2016 - 2021**  
**California State Polytechnic University, Pomona | B.S. Chemical Engineering**  
Dean's List: Spring 2019, Fall 2019, Spring 2020, Fall 2020, Spring 2021  
Graduation Honors: Cum Laude

## Relevant Experience

- July 2020 - July 2021**  
**Elsinore Valley Municipal Water District | Engineering Intern**
  - Developed a python application to predict peak demands for recycled water which completely eliminated the need for potable water supplement at treatment facilities
  - Created a data dashboard, powered by python, that provided real-time analysis and visualization of water quality data as part of a collaborative lake health maintenance program
  - Built an application with python that combined, cleaned, and prepared multiple streams of water data to generate blending reports that resulted in the extension of groundwater blending programs
  - Automated reporting with a program that filled and submitted web-forms with data from existing excel spreadsheets by using python requests and BeautifulSoup libraries.

## Soft Skills

- Personal Expertise**
  - Project Management
  - Problem Solving
  - Public Speaking
  - Critical Thinking
- Team Oriented**
  - Adaptability
  - Accountability
  - Collaboration
  - Communication

## Projects

- Project Title Number One**  
[www.projectsite.com](http://www.projectsite.com) | <https://github.com/michaelarn0ld/project-one>
  - Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua.
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- Project Title Number Two**  
[www.projectsite.com](http://www.projectsite.com) | <https://github.com/michaelarn0ld/project-two>
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- Project Title Number Three**  
[www.projectsite.com](http://www.projectsite.com) | <https://github.com/michaelarn0ld/project-three>
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## Interests

- Web Development
- Machine Learning in Web Apps
- Data Science
- UI/UX

*References available upon request*