Ashwin Chalaka

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LinkedIn	**GitHub**
linkedin.com/in/ashwinchalaka	github.com/ashwinchalaka

Full-stack web/mobile developer and software engineer with 1+ years of experience. Proficient in numerous programming languages, modern frameworks, and development tools. Quickly learns new technologies. Schooled in clean object-oriented design and easy-to-follow documentation. Most notably accomplished an enterprise web solution within 4 months as a technical and organizational lead.

Education

San Jose State University
B.S. Software Engineering
(2nd year / Sophomore)

Foothill-De Anza College
Computer Science for transfer
(2017 - 2020), GPA: 3.66

Oregon State University
Industrial Engineering
(2014 - 2017)

Experience

STEM-Away.Inc, Santa Clara, CA and remote-work - *Project Lead and Full Stack Developer*
Jul 2019 - Oct 2019

- Controlled the product development life cycle of the STEM-Away *Career Statistic Tool* and successfully launched within 4 months
- Resolved a process bottleneck that immediately advanced the team from project planning to the prototyping stage
- Engineered …
  - a Python-Django MVC architecture and deployed to Google Cloud that brought the project to life
  - a script to process API data through validation and filtration into a PostgreSQL database which eliminated need to manually verify the data
  - an admin tool inside of the Python-Django application to securely edit previous entries into the database

Coding Dojo, San Jose, CA - *Web & Mobile Developer Accelerator Student*
Jul 2018 - Nov 2018

- Exceeded 1,000 hours of onsite training in web/mobile development
- Earned job-ready proficiency in 3 full-stack technologies and a double black-belt certification

Foothill College Pass the Torch, Los Altos Hills, CA - *Calculus Teaching Assistant (T.A.) and Math Leader (Tutor)*
Spring 2018 - June 2019

- Completed 40+ hours of outreach and mentorship training with evaluation
- Recommended by my Vector Calculus teacher for both positions

Oregon State University Client Services, Corvallis, OR - *Service Desk Associate and Student Technician*
Jan 2016 - May 2016

- Documented and organized all customer requests for technical assistance and servicing hardware
- Trained and became proficient in diagnosing and servicing laptop, mobile, and desktop computers

Technical Skills — all in 3 years

- **Formal Classes**
  - Computer Science:
    - Object Oriented Design, Assembly Language, Data structures, Algorithms, Discrete Math, Calculus, Physics
  - Software development:
    - Java

- **Coding Dojo, On the Job, and Self Taught**
  - Web development:
    - MEAN Stack, Python, JavaScript, CSS3, HTML5, MVC, AWS EC2 Deployment, Google Cloud, Modularization
  - Frontend:
    - AngularJS, jQuery, Bootstrap, Responsive Web Design, The Box Model, AJAX, Figma, Adobe Photoshop, GIMP
  - Backend:
    - Django, NodeJs, Express, Flask, Session, Bcrypt,
  - Database:
    - SQL, noSQL, mySQL, SQLite, ORMs, MongoDB, Mongoose, Models, Relational Tables
  - Mobile development:
    - Swift (iOS), Xcode, Auto Layout, CoreData, CoreMotion, CoreLocation, MapKit, UIKit, AVFoundation
  - API:
    - JSON, RESTful, Postman
  - Other Developer tools:
    - GitHub, Microsoft VS Code, IntelliJ, Eclipse, Sublime Text, Asana, Slack

Organizational Leadership

- **In School**
  - Trained and then worked as a notetaker and tutor for registered disabled, disadvantaged, and struggling students, see LinkedIn for full list of prior jobs

- **STEM-Away —** see endorsement here
  - Detailed project organization and communication of technical information, as seen **here**
  - Partnered with supervisor to build a full team and personally trained entry-level members
  - Coordinated remote and in-person meetings between mentees and mentors and delegated tasks to all team members