Chris Gradwohl

📱 +1 (408) 420 0465 • ✉ christophergradwohl@gmail.com

🌐 cgradwohl.com • in christophergradwohl • ○ cgradwohl

Experience

Sluggit   **Santa Cruz, Ca**
Full Stack Developer   *Mar 2017–Present*
A blog and technical resource for engineers and developers. https://sluggit.herokuapp.com/
- created a native user authentication system using JSON Web Tokens.
- designed an efficient, scalable, REST api to authenticate users and store post data into a noSQL database.
- wrote Angular services that utilizes rxjs Observables to authenticate user data, register new users, and to post blog content.
- developed intuitive, responsive UI components which where displayed using dynamic front end routing.
- created entire product vision and SCRUM artifacts such as sprint plans, documentation, and product release plans.

Learning Support Services, UCSC   **Santa Cruz, Ca**
Supplemental Instructor   *Sep 2016–Present*
CMPS 101: Algorithms and Abstract Data Types
- provided supplemental instruction tutor sessions for an upper division Algorithm and Abstract Data Structures course for undergraduate Computer Science majors.
- prepared 5, 1-hour supplemental study sessions a week, for a class of 150 students.
- explained complex algorithm analysis and abstraction techniques simply and efficiently.
- consistently earned high reviews and recommendations from both faculty and students.

Seshadhri Comandur Lab, UCSC   **Santa Cruz, Ca**
Summer Research Intern   *July 2016–Sep 2016*
Massive graph analysis and scalable graph algorithms.
- developed and improved the ESCAPE software package: a C++ big data scientific software tool created by Professor Seshadhri Comandur
- developed scalable C++ subroutines to determine the vertex degree of all vertices in massive graphs.
- wrote Python wrappers for C++ subroutines to improve user experience.

Education

University of California, Santa Cruz
Bachelor of Arts, Computer Science, 3.4/4.0   *2015–June 2017(expected)*
- Smith Renaissance Society Scholar Award
- Data Structures, Algorithms, Algorithm Design, AI, Technical Documentation, Software Engineering, Web Applications, Discrete Math

Long Beach City College
Associates of Arts, Mathematics, 3.5/4.0   *2013–2015*
- Long Beach Engineering And Robotics (LEARN) Club Founder and President
- Calculus I, II, III, Mechanics, Electricity & Magnetism, Modern Physics, Java Programming

Skills

Languages: HTML5, CSS3, SCSS, JavaScript(ES6, TypeScript), Python

Tools: Node.js, npm, Angular, MongoDB, Mongoose, Karma, Jasmine, UNIX, Git, AWS, Heroku