

Devon J. Grove

Contact	(425) 999-1114 djgrove@calpoly.edu	Permanent address: 9505 128 th Ave NE • Kirkland, WA 98033 Detailed information available at linkedin.com/in/devongrove
College	California Polytechnic State University, San Luis Obispo <i>Aug. 2014 – Jun. 2018</i> Pursuing Bachelor of Science in Computer Science, Minor in Economics <ul style="list-style-type: none"> GPA: 3.24; Fall 2015 Dean's List Formal academic experience programming in Java, C, MySQL, Bash scripts, and Racket (Lisp family) Working knowledge of PHP, JavaScript, HTML, CSS, Relevant coursework: Discrete Structures, Fund. of Comp. Sci. I-III, Intro to Computer Organization, Design and Analysis of Algorithms, Systems Programming, Software Engineering, Databases, Calculus IV Division I Men's Cross Country/Track and Field <i>Aug. 2014 – present</i> <ul style="list-style-type: none"> Received athletic scholarship, devoted 20+ hours per week to training and team events Hold leadership position as representative for cross country on Student-Athlete Advisory Committee 2015 First Team All-Big West Conference, All-Academic Team, Commissioner's Honor Roll 	
Work Experience	Software Development Intern <i>Jun. – Aug. 2015, Jun. – Sept. 2016</i> <ul style="list-style-type: none"> Developed features in LAMP stack web app using CakePHP-based MVC framework Collaborated using agile methods in Atlassian Jira project tracking and Git Implemented enhancements using PHP, JQuery, JavaScript, AJAX requests, and JSON data Debugged existing issues by becoming familiar with codebase and project architecture Simulated Linux production environment on MacBook Pro using Vagrant configuration Community Service Officer <i>Feb. 2016 – present</i> <ul style="list-style-type: none"> Employed by Cal Poly University Police Department, 15 hours/week directing traffic and campus events Maintained professionalism and integrity, often during challenging circumstances 	
Projects	PolitiMap <i>Sept. 2016 – present</i> <ul style="list-style-type: none"> Ongoing software engineering project to develop iOS application using Swift with PHP server-side Constructed data architecture using JSON data objects Documented vision and scope, software requirements, use cases, application flow using LaTeX language Managed team of four other developers, adapting priorities to meet project deadlines Cal Poly Design and Dev Hackathon: Mustang Marks <i>Apr. 2016 – Jun. 2016</i> <ul style="list-style-type: none"> Redesigned UI of existing student-run ratings website over 24 hours in team of six developers Expanded project in following months to design MySQL database schema and build backend framework Constructed database using web scraping, wrote JavaScript tool, using Node.js to accomplish this task Personal Website <i>Sept. 2016 – present</i> <ul style="list-style-type: none"> Active side project to expand understanding of Bootstrap and other HTML, CSS front-end frameworks Deployed web source at devongrove.com using Amazon Web Services EC2 server, Amazon S3 file hosting Lempel-Ziv-Welch File Compressor <i>May 2016</i> <ul style="list-style-type: none"> Developed C program to compress binary and text files using LZW compression algorithm Tested series of files using Bash script to compare program file output with expected output Enabled command line flag to accommodate variable length LZW algorithm recycle codes C Shell <i>Apr. 2016</i> <ul style="list-style-type: none"> Wrote Bash command-line shell for asynchronous process management in Linux environment Enabled functionality for pipe, input, and output redirection to mirror expected shell behavior Avoided memory leaks through careful dynamic memory allocation and management 	
Additional Interests	<ul style="list-style-type: none"> 2013 Washington State Cross Country Champion, two year team captain Level 1 Certified Orienteering Coach by Orienteering USA Founded Orienteering Club at high school, acted as participant and manager of weekly activities Member of Cal Poly Entrepreneurs club Freshman Mentor in Cal Poly Engineering Poly Pals Program 	