

# Devon Grove

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## EXPERIENCE

### APPTIO Bellevue, WA

Software Development Engineer II Mar 2020 -

Software Development Engineer I May 2019 - Mar 2020

- Rapidly learned and applied React best practices to support frontend development needs, improving performance of 10,000 row data tables (AG-grid) for enterprise SaaS application.
- Rewrote frontend codebase to leverage proprietary component library, delivering quarterly project on schedule and resulting in 30% reduction in lines of frontend code.
- Acted as liaison for two teams, allocating work and code review time for cross-product component library development
- Supported modularization of monolithic app structure, migration towards microservice architecture by removing two core dependencies from legacy app and isolating + removing dependency cycles.
- Eliminated dozens of asynchronous Jest unit testing issues by locating and diagnosing singleton code and incomplete test assertions.

### CAL POLY IT SERVICES San Luis Obispo, WA

Senior Student Developer March 2018-December 2018

Student Developer March 2017-March 2018

- Lead project to containerize Drupal application using Docker to allow for local developer environments, improve workflow and continuous integration
- Automated manual stages of deployment process by writing dozens of PHP and Bash scripts to improve team efficiency and ticket throughput
- Identified and recommended important system updates to modules and libraries, oversaw testing procedures to avoid use of deprecated third-party tools
- Maintained usability standards for 150 Drupal-managed sites using Regular Expressions, Drupal API, and MySQL queries to identify and correct broken content
- Wrote extensive Wiki documentation and comments to develop reusable code

### DASH PLATFORM Bellevue, WA

Software Engineering Intern Jun - Aug 2015, Jun - Aug 2016

- Developed in LAMP stack web application using CakePHP-based MVC framework
- Collaborated using Agile methods in Atlassian Jira project tracking and Git
- Implemented five feature enhancements using PHP, jQuery, JavaScript, and AJAX
- Familiarized self with code base, project stack, architecture by debugging over thirty application bugs
- Simulated Linux production server environment on MacBook Pro using Vagrant

## EDUCATION

### CAL POLY SAN LUIS OBISPO December 2018

B.S. Computer Science Minor, Economics

- NCAA DI Cross Country/Track and Field
- All-Academic Team, Big West Conference
- 1st Team All-Big West Conference

## SKILLS

- **Proficient:** React, TypeScript, JavaScript, Java/Spring, MySQL, Jest, React Testing Library, Git, Bash scripting, HTML/CSS, Redux, React Context
- **Experience with:** Python, Amazon Web Services (EC2, RDS, IAM), C, Babel, Webpack, JSON

## PROJECTS

### LYRASSIST <https://github.com/djgrove/lyrassist>

- Deployed backend API to generate lyrics in the style of a given musical artist using Markov chaining.
- Minimized compute time and costs while maximizing uptime by running API endpoints using AWS API Gateway and Lambda functions written in Python 3.
- Created private endpoint for web scraping and caching of machine learning models using an AWS S3 bucket, with public endpoint for lyrics generation from previously cached artists.