

ENGINEERING PROJECTS

Front End Engineer — Startup Success Predictor — [Live Demo](#) - [Github Repository](#) *April 2019*

- Achieved the first Front End Engineer, from over 500 students, to implement React Hooks in production after its early release, replacing Redux
- Led front end engineering on a cross-functional team composed of 3 Data Scientists and 2 Back End Engineers by using data driven development prior to project implementation
- Refactored the back end using GraphQL, Apollo Server and FaunaDB to allow user saved searches
- **Tools:** React Hooks, Styled Components, GraphQL, Apollo Client, Apollo Server, FaunaDB

Full Stack Engineer — GraphQL Blog — [Live Demo](#) - [Github Repository](#) *August 2019*

- Challenged and increased back end development speed by 80%, from a 12 hour day to 2 hours by implementing less boilerplate code using newly learned tools; GraphQL and Apollo Server
- Reduced front end data rendering speeds from API calls by using Apollo Client's useMutation
- Improved data modeling planning skills and data model development speed by writing only 6 lines of reusable and efficient code using Prisma Client
- **Tools:** React Hooks, Material UI, GraphQL, Apollo Client, Apollo Server, Prisma, PostgreSQL

Full Stack Engineer — GraphQL Todo List — [Live Demo](#) - [Github Repository](#) *August 2019*

- Challenged self learning speed and new skill acquisition by implementing React Hooks, GraphQL, Apollo Client and MongoDB in under 3 hours
- **Tools:** React Hooks, Material UI, GraphQL, Apollo Client, Express.js, Mongoose, MongoDB

WORK EXPERIENCE

Software Engineering Team Lead — Lambda School *May - July 2019*

- Led and coached over 9 engineering students using daily motivation and inspiration, to achieve individual goals in times of adversity, receiving 18 "exceeding expectations" reviews from students
- Influenced an effective and performant student group by offering continuous feedback, pair programming, debugging processes and daily code reviews
- Improved student's problem solving skills by conducting daily group code challenges and teaching Polya's problem solving techniques when facing complex problems
- Increased student's communication skills by conducting daily standup meetings where students could share their achievements, blockers, and breakthroughs while presenting their projects
- Maintained an open communication environment by using Zoom and Slack, to any questions or struggles students may encounter while building their projects

Freelance Web Designer — christianipanaque.com *November 2009 - December 2018*

- Improved marketing campaign of Seattle's Spanish newspaper El Siete Dias by designing a website with effective call-to-action methods, increasing customer calls to an average of 3 calls per day
- Increased customer social engagement for restaurant and night club El Tenampa in Tacoma, WA by building a website that displayed all 100+ professional photos taken after all major events along with announcements of upcoming concerts
- Expanded customer base for bi-cultural restaurant Danube Bistro in Bellevue, WA by designing a website that displayed menus and future events in both Spanish and English, which resulted in an event having over 80 guests in a 50 person capacity restaurant

Server Hardware Assembler Lead — Silicon Mechanics *August 2006 - November 2009*

- Promoted to Lead position by training over 10 hardware technicians with efficient server building techniques and performant cable management, achieving a productive working environment
- Accomplished 2 company certifications by assembling 4 hard drive servers and 8 hard drive servers in under 1 hour, passing all 30 quality assurance points from quality control managers
- Increased workflow efficiency by using effective troubleshooting techniques and identifying hardware component failure as early as possible
- Reduced server overheating problems by wiring air flow performant cable management and using quality assurance procedures on over 20 servers per day

EDUCATION

Lambda School — Full Stack Web Development and Computer Science *February - December 2019*

- [Full Stack Web Development Coursework](#): React, State Management, Data Modeling, Data Normalization, RESTful APIs, Authentication, Data Migrations, Data Seeding, Automated Testing
- [Computer Science Coursework](#): Sorting and Searching Algorithms, Recursion, Linked Lists, Stacks, Queues, Binary Search Trees, Heaps, Hash Tables, Blockchain, Graphs, Computer Architecture

CERTIFICATIONS

University of Washington — 3 Course Certification in IT Project Management *November 2019*

Amazon — AWS Certified Solutions Architect *September 2015 - September 2017*

Amazon — AWS Certified Developer *October 2015 - October 2017*

AWARDS

3rd Place Award in Math Fax Competition — Shorecrest High School *February 2003*

SKILLS

LANGUAGES

JavaScript (Proficient)
Python

FRONT END

React Hooks
Redux
Apollo Client
Material UI
Semantic UI
Styled Components
End to End Testing

BACK END

GraphQL
Apollo Server
RESTful APIs
Data Modeling
Data Normalization
Authentication
Bcrypt
JSON Web Token
Node.js
Express.js
Knex.js
Mongoose
MongoDB
SQLite3
PostgreSQL
FaunaDB
Prisma
Django
Unit Testing
Integration Testing

TESTING TOOLS

Jest
Supertest
React Testing Library

DEBUGGING TOOLS

Chrome DevTools
Python Tutor

VERSION CONTROL TOOLS

Git
Github

COLLABORATION TOOLS

Trello
Asana

DEPLOYMENT TOOLS

Netlify
Heroku
Digital Ocean
Serverless Framework

AWS TOOLS

AWS DynamoDB
AWS Lambda
AWS API Gateway
AWS S3
AWS Cognito
AWS CloudFront