

Alexander V. S. Peterson

San Diego, CA

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PROFILE

Highly motivated full stack web developer and trained engineer with a knack for finding creative solutions to technical problems. Problem solving skills supported by analytical mind and technical knowledge to consistently meet project deadlines under challenging environments. Looking to add value to a driven and collaborative dev team.

TECHNICAL SKILLS

Languages: JavaScript, Ruby, SQL, HTML, CSS, TypeScript

Databases: PostgreSQL, Active Record, CouchDB, NoSQL

Other: Figma, Postman, pgAdmin, Sourcetree, Express.js

Frameworks: React, Ruby on Rails, Bootstrap

Testing: Jest, RSpec, Mocha, Chai, Supertest

Version Control: Git

EXPERIENCE

Edge – San Diego, CA

05/2021 - Present

Software Engineer Intern

- Designed Express.js micro-server to fetch BTC, ETH fees from APIs, format data, and insert into NoSQL CouchDB database, using strongly typed code, test driven development, and rigorous PR reviews
- Reviewed other developers code regularly, advocating functional programming principles, emphasizing testable code, and prioritizing elegant, readable code
- Practiced Agile development cycle in biweekly sprints, with personal responsibility to meet deadlines

LEARN Academy – San Diego, CA

02/2021 - 04/2021

Full Stack Software Developer

- Logged 480+ hours of direct coding experience with JavaScript, Ruby, HTML, CSS, and SQL programming languages and associated libraries and frameworks such as React and Bootstrap
- Emphasized collaboration and cooperation in pair and mob programming teams on full stack React and Ruby on Rails web applications, following version control best practices with Git
- Implemented CRUD functionality in full stack apps, using PostgreSQL and Active Record to navigate relational databases, practicing Test Driven Development using Jest, RSpec to promote efficient code

PLASTIC INGENUITY – Cross Plains, WI

05/2019 - 08/2019

Quality Inspector

- Assessed various manufacturing processes to ensure production upheld internal specification
- Promoted honesty, safety, integrity, and accountability on production floor through 6S method

PROJECTS

[Edge Fee Tracker](#) – Typescript, CouchDB, Express.js, React, HTML, CSS – Full stack web app, consumes external crypto fee reporting APIs and stores data in noSQL database, graphs resulting data on React frontend.

[“PokeDeck” Trading Card Game Website](#) – React, Javascript, HTML, CSS, Ruby on Rails, Ruby, PostgreSQL – Full stack web app, users view, collect, and favorite “Pokemon” cards, compete for highest value deck

EDUCATION

BAYLOR UNIVERSITY – Waco, TX

08/2015 - 12/2019

Bachelor of Science in Mechanical Engineering

- Minor: Mathematics

CERTIFICATE

NCEES Engineer in Training Certificate

09/2020

- Study prep for Fundamentals of Engineering (FE) Examination from January 2020 - August of 2020
- Passed Exam September 2020