ANNA POJAWIS

San Francisco, CA

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TECHNICAL SKILLS

Front-End: HTML | CSS | JavaScript | jQuery | D3 | React | Redux | Webpack | Babel
Back-End: Nginx | Heroku | Node | Express | Cassandra | MongoDB | Mongoose | MySQL | PostgreSQL | SQLite3 | Sequelize
Other: Amazon Web Services EC2 & S3 | Docker | CircleCi | New Relic | Redis | Jest | Enzyme | Mocha / Chai

PROJECTS

FullTable; Back-End Software Engineer
Restaurant reservation app
- <u>Tech Stack</u>: React, Node, Express, PostgreSQL, Redis, Nginx, AWS EC2, New Relic
- Scaled RESTful Node/Express backend architecture of photo component to support production-level traffic
- Horizontally scaled and load balanced with Nginx to achieve a throughput of 1,600rps and error rate of 0% on reads
- Implemented Redis cache to improve response time by reducing read request latency from 1,000ms to 10ms
- Architected PostgreSQL database schema to optimize querying across 100mln records with average query speeds under 10ms

CloudStay; Full-Stack Software Engineer
Short-term vacation rental app
- <u>Tech Stack</u>: React, Node, Express, MongoDB, Jest, Enzyme, AWS, Docker, CircleCi
- Built reviews microservice for a vacation rental app using React to support a modular component structure and fast rendering
- Compressed and stored static files on AWS S3 to reduce page load time
- Implemented a proxy server to route client requests between microservices
- Containerized the proxy, server and database using Docker and deployed using AWS EC2 instance to support a Service-Oriented Architecture (SOA)

EXPERIENCE

Dovenmuehle Mortgage, Inc.; San Francisco, California   2019 – Present
Full-Stack Software Engineer
- Implement multi-platform solution using React, Redux and Styled Components to allow mortgage-holders to pay and access key account information from anywhere
- Employ D3 to generate data-driven, input-dependent SVGs and interactive visualization dashboards
- Assist in reviewing, designing, and developing database architecture in PostgreSQL and application infrastructure
- Build RESTful API using Node and Express to provide real-time data updates to users

Hack Reactor; San Francisco, California   2019 – 2019
Software Engineer Immersive Resident
- Guided students through debugging their code, with emphasis on identifying and correcting flawed mental models
- Conducted technical interviews for prospective students and assessed their abilities and readiness to join the program
- Delivered lectures on algorithms, data structures, optimization and functional programming in JavaScript

SunTrust; Atlanta, Georgia   2017 – 2018
Corporate Finance Analyst
- Performed financial modeling and analysis under a broad range of scenarios to evaluate transactions involving leveraged buyouts, dividends, mergers and acquisitions, recapitalizations, and any financial sponsor transaction
- Developed screening materials for financial requests to present to Risk Management summarizing industry conditions, risks and mitigants, and historical and projected financial performance of commercial clients
- Prepared marketing materials and pitchbooks to support client development efforts, proposals, and RFP responses

Canadian Imperial Bank of Commerce (CIBC Bank); Stamford, Connecticut   2016 – 2017
Credit Analyst II
- Supported a loan portfolio of over $200mln in committed capital to middle-market companies across all industry sectors, typically with $5-$25mln in EBITDA
- Underwrote new loan requests, renewals, and amendments; and participated in loan presentations to credit committee for approval
- Built and interpreted financial models used in forecasting and analyzing debt capital structures (i.e. cash flow, coverage, and leverage)
- Assisted with other risk management and product initiatives (i.e. to hedge against interest rates and exchange rate fluctuations)
- Directed loan closing activities and worked with legal counsel to ensure all loan documents are correct and match the terms approved by the bank

EDUCATION

Stanford University
Quantitative Methods in Finance Graduate Certificate   Expected 2020
      Cumulative GPA: **3.7**

CFA Level II Candidate   June 2020

Hack Reactor; San Francisco, California   Graduated May 2019
Advanced Software Engineering Immersive Program

University of Connecticut; Storrs, Connecticut
Bachelor of Science in Business   Graduated May 2016
      Major: Finance   Dean's List Business
      Cumulative GPA: **3.7**; Major GPA: **4.0**