

## Jubin Taghdir

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### Technical Skills

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JavaScript, Python, C#, Node.js, Express.js, Flask, .Net, SQL, Microsoft SQL Server, PostgreSQL, Sequelize, SQLAlchemy, React.js, Redux, Git, HTML5, CSS3, Docker, System design, Networks, Relational Database Management Systems, Data Mining, Linux

### EDUCATION

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California State University, Fullerton

Spring 2021

*Bachelor of Arts in Business Administration (Information Systems), Honors: Cum Laude*

- **Honors:** Dean's Honors list
- **Related Course Work:** Telecommunications, Introduction to programming (C#), Database Management Systems, System Analysis and Design, Senior Information Systems Development, Data Analytics I, Data Analytics II, Data Mining for Managers, Honors - Principles of Information Systems, Intro to Computer Information Systems

App Academy, San Francisco

*Immersive Full Stack Software Engineering (3% acceptance rate, 1000+ hours)* August 2021

- **Activities:** Daily pair programming alongside a group of 60 peers for 7 months, preparing daily reports, fulfilling fast-paced learning requirements, reporting to supervisors on 4 full-stack projects
- **Related Course Work:** Data Structures and Algorithms, Object-Oriented Programming, Time and Space complexity, Networks, RDBMS, Flask, Node.js, Express, Heroku, API development, Encryption principles, Postgres, SQLAlchemy, Sequelize, React, Redux, Python, Alpine Linux, Docker, Microservices, Node Package Manager, HTML5 and CSS3, Git

### Projects

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**CoinPal: Paypal clone for Cryptocurrency (Python, JavaScript, Flask, React, Redux, SQLAlchemy, HTML5, CSS3)**

[Live Site](#) | [Github](#)

- Integrated CoinRanking's external API with Crypto search to display different coin data using Chart.js library so the user can make an informed decision
- Developed server-side APIs for each feature using Python, created a relational database in Postgres, implemented join tables, self-referential tables, composite keys to ensure maintaining of the 3rd normal form using SQLAlchemy
- Designed and implemented a custom transaction algorithm to ensure error-free transactions and reduce likelihood of concurrency through use of single-responsibility concept
- Ensured environmental integrity by containerizing the app using Docker and deployed the image to Heroku

**Spartner: OkCupid clone for gym goers (Python, JavaScript, Flask, React, Redux, SQLAlchemy, HTML5, CSS3)**

[Live Site](#) | [Github](#)

- Managed changes to source control by utilizing Git source control system, used scrum agile methodologies to deliver final product in a timely manner
- Implemented an algorithm to score each user based on their answers, used the score to assign match percentage compatibility between 2 users
- Prepared documentation for REST API routes, Implemented the API routes on the Flask server and made the necessary SQL queries using SQLAlchemy
- Created separate front-end redux stores to ensure consistent data flow and efficient memory usage on client-side while maintaining separation of concerns

**Stack Oil Flow: StackOverFlow clone (Group Project) (Node.js, Pug, CSS3, Express.js, Sequelize, PostgreSQL)**

[Live Site](#) | [Github](#)

- Implemented RESTful APIs utilizing Sequelize ORM to query a Postgres database and implanted asynchronous calls to ensure speedy transaction time
- Optimized user experience by architecture applying AJAX to implement instant update to the added questions, answers and votes while ensuring seamless user experience
- Applied cookie-based server-side session authentication, CSRF token from CSURF NPM package, and Bcrypt hashing to increase server-side application security

**CowBoy Hotel: System Analysis/design, SDLC (Group Project) (E-R Diagrams, Flow Charts, Feasibility analysis, UML, UX/UI)**

[Docs](#)

- Lead a group of 3 other students to develop and design an information system for a hotel's conference room booking
- used agile development methodologies to ensure the completion of analysis/design within the time constraint while planning according to requirement changes
- Prepared and designed documentation including feasibility analysis, Data Flow Diagrams, Entity-Relationship diagrams, Use Cases, and Requirements (Functional and Non-Functional) to demonstrate logical and physical processes.

### WORK & LEADERSHIP EXPERIENCE

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**Bank of America**

Laguna Hills, CA/USA

*Client Service Representative*

July 2019 – Feb 2021

- Interacted with 100+ clients daily, built rapport with clients, and assisted them with their financial service needs
- Utilized multiple systems to track, modify and delete financial records, prevented fraud, and develop financial reports
- Assisted bankers with processing and maintaining loan and mortgage accounts

**Tropez boutique**

Newport Coast, CA/USA

*IT and Marketing Associate*

July 2013 – June 2019

- Created boutique's website and social media accounts, listed items on the store's E-Commerce platforms
- Designed and implemented databases and used the data to keep track of operations to improve primary processes of the business
- improved sales by 9% while handling sales, assisting customers, and performing transactions

**Student Managed Investment Funds Program (CSUF SMIF)**

Fullerton, CA/USA

*Junior Equity Analyst*

Jan 2019 – June 2019

- Analyzed financial, and economic data to propose strategic investment, performed industry and company evaluation by using statistical models of the financial data
- Adjusted the risk/reward profile of the portfolio by analyzing micro and macro-economic factors corresponding to company strategy, The interpreted financial implication of socio-economic, political, and technological factors
- Presented potential investments along with key analysis and decision logic to the SMIF team for evaluation

### SKILLS, ACTIVITIES & INTERESTS

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**Activities:** Association for Computing Machinery, Sales and Leadership club, Business and Data analytics club, Finance club, projects

**Interests:** Software Engineering, Machine learning, Finance, Psychology, History, Philosophy