Jubin Taghdir

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EDUCATION

California State University, Fullerton   **May 2021**
Bachelor of Arts in Business Information Systems, Honors: Cum Laude, GPA: 3.6
- **Related Course Work:** Database Management Systems(SQL Server), Telecommunications (Networks), Introduction to programming (C#), System Analysis and Design, Senior Information Systems Development, Data Analytics I, Data Analytics II, Data Mining for Managers, 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:** Emphasis on Full Stack development, pair-programming, algorithms, best practices, scalability, OOP, and full stack app development

Projects

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

Stack Oil Flow: StackOverFlow clone (Group Project) (Node.js, Pug, CSS3, Express.js, Sequelize, PostgreSQL) **Live Site | Github**
- Led daily sprints, prepared, and maintained backlog, prepared user stories, assured timely delivery by implementing Timeboxing, managing feature creep
- 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, and Bcrypt hashing to increase server-side application security

Vegas Hotel ratings (XLMiner, KNN, LOGIT, MLR, CART)   **Docs**
- Preprocessed the data, performed data cleansing, checked for collinearity and significance, partitioned the data and applied ML algorithms to develop an explanatory model establishing factors that contribute to Las Vegas hotel's popularity
- Developed multiple models based on model-free algorithms, evaluated the training data against the validation data and prepared conclusion

CowBoy Hotel: System Analysis/design, SDLC (E-R Diagrams, Flow Charts, Feasibility analysis, UML, UX/UI)   **Docs**
- Led a group of 3 other students to develop and design a booking system, assigned fellow members best fitting roles using proactive communication
- As the Scrum master Implemented Agile methodologies to ensure completion of plan, analysis and design phases within the time constraint while planning according to requirement changes, performed frequent interviews with project sponsor
- Prepared and designed documentation including feasibility analysis, Data Flow Diagrams, Entity-Relationship diagrams, Use Cases, and Requirements (Functional and None-Functional) to demonstrate logical and physical processes, presented final proposal to the project sponsor

WORK & LEADERSHIP EXPERIENCE

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

Tropez boutique   **Newport Coast, CA/USA**
IT and Marketing Associate   July 2013 – June 2019
- Managed boutique's website and social media accounts, listed items on store's E-Commerce platforms
- improved sales by 9% while handling sales, assisting customers, and performing transactions

SKILLS, ACTIVITIES & INTERESTS

Skills: JavaScript, Python, C#, Node.js, Express.js, Flask, SQL, PostgreSQL, Sequelize, SQLAlchemy, React.js, Redux, Git, HTML5, CSS3, System design
Activities: Dean's Honor list, 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