Adil Modan

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Work Experience

Business Development Engineer, *Professional Financial Investors, Inc.*   *October 2017 — Present*

- Developed 360° Real Estate Tour Storage and Consumption Platform using Python, Django, SQL and LAMP Server.
- Integrated payment method API's (Stripe, Square, Paypal and Auth.net) into CRM software working closely with accounting team.
- Developed unreleased web application to match tenants with other tenants and landlords using React JS, providing automated background checks, messaging services and matching algorithms based on interests, location and budget.
- Facilitated all commercial leasing activity (via AIR Lease software) since the start of the COVID-19 pandemic.
- Analyzed feasibility real estate investments (cap rates) totaling over $100 million, projecting and modeling growth and returns using housing and economic data and local/regional GRM's
- Helped build and managed CRM software, introducing automated payment collection, WiFi authentication services using RADIUS server and property management platform.
- Reported directly to head of the company regarding advancements in technologies to integrate into company's financial core
- Onboarded and led small team of data analyst interns.

Business Development Intern, *Professional Financial Investors, Inc.*   *March 2017 — October 2017*

- Tracked, documented and presented website and social media analytics on a weekly, monthly and quarterly basis.
- Analyzed and presented national, state and local data to local commercial and residential real estate leaders, state-senators, brokers and other key local figures in real estate.
- Launched, produced, edited and marketed Priced Out Podcast,

Tutor, *College of Marin and Terra Linda High School*   *August 2013 — December 2019*

- Guided students through Python and C++ programming assignments for Data Structures and Intro to Programming courses for 2-3 hours each week and helped electrical engineering students through circuit analysis problems.

Side Projects

NovaBot   *January 2018 — May 2018*

- Built a chat bot on top of the Stellar blockchain network to facilitate low-latency cryptocurrency transfers through Twitch chat. (Node.js, Vue.js, PostgreSQL, AWS)
- Awarded $XX,XXX+ in crypto by Stellar Foundation's 6th blockchain hackathon out of 300+ submissions.

Skills

Computer Science: Python, JavaScript (Node.js and React.js), HTML, CSS, C++, ARM, Verilog and VHDL
Electrical Engineering: MATLAB, Simulink, AutoCAD, Eagle PCB, PSpice, Xilinx
Concepts: Front-End Development, FPGA, Electric Circuit Design, Business Development and API Design

Education

B.S. Electrical Engineering   *December 2020*
San Francisco State University (San Francisco, CA)