marlonf.com

MARLON FIGUEROA

marlonfigueroa@outlook.com

Deeply technical candidate with strong interpersonal skills and a comfort working across functional groups to drive the roadmapping, design, delivery and launch of digital experiences for millions of multi-channel customers.

EMPLOYMENT

JPMorgan Chase & Co.		**June 2016 to Present**
Product Architect	*Chase - Digital Product Architecture*	*November 2018 - Present*

- Product manager and solutions architect hybrid role working on driving firm growth through digital onboarding initiatives, launched the You Invest robo-adviser and assisted brokerage platforms, added personalization and content discovery to online learning curriculum and modernization of Online Trading and Digital Wealth Management products.
- Led collaboration with cross functional stakeholders– including AI/ML, design, business, internal and external engineering, legal– to drive prototyping, delivery, launch and maintenance of high value Chase.com features.
- Helped in roadmap definition, and setting expectations between business and engineering by evaluating value, risk, effort and impact of various new internal initiatives and vendor integrations to maintain a competitive time to market.
- Translated feature requests and product initiatives into user stories, success criteria, and technical requirements.
- Wrote technical design documents and drew system architecture diagrams for engineering teams to build from.
- Oversaw user research, AB testing, and usage metrics to validate prototypes and determine successful launches

Software Engineer	*JPM - Risk Forecasting Solutions*	*July 2017 - November 2018*

- Worked in a Agile DevOps team revitalizing a risk web app that stressed portfolios of the firm's wealthiest clients.
- Restructured the existing monolithic app by rewriting core Java functionality into cloud native microservices.
- Led User Experience testing sessions with leadership to redesign to design and re-write the UI in React..
- Re-architected the backend into Java Springboot micro-services to run on JPMC's internal cloud GAIA, a Cloud Foundry platform implementation, instead of our own self hosted and self managed Unix servers.
- Assisted in building out a continuous integration and delivery pipeline with regression tests with Jenkins.

Software Engineer Intern	*JPM - Risk Finance Technology*	*June - August 2016*

- Developed a new screen in a capital management application for risk users to view and attest to firm-wide positions.
- Contributions focused front-end design and development in Python using Enaml, and data acquisition and formatting using JPMC's internal Athena platform (a graph dependency object store akin to Goldman's SecDB).
- Optimized data queries from half a million entries to only a few thousand, without loss of precision or accuracy.

Research Foundation, CUNY		**March 2014 - June 2016**
Software Developer	*RF CUNY*	*May 2014 - June 2016*

- Designed and developed a desktop Java application to visualize and analyze tree-structured data for use in computational biology and medical imaging by researchers at Museum of Natural History.
- Designed the application UI/UX using wireframes, mockups and implementation using an MVC approach.
- Developed the desktop application using JavaFX and integrated given Python scripts for a computational backend.

Undergraduate Researcher	*CUNY Graduate Center*	*March - September 2014*

- Studied computational complexity theory and basic heuristic algorithms for search and decision problems.
- Developed a web app in Python, Django and Google App Engine to showcase NP-Optimization problems.
- Created an ETL pipeline in Python to import problems publicly available in un-maintained sites to the new site.
- Wrote functionality for OATH2.0 authenticated users to submit and edit problems with support for LaTeX formatting.

EDUCATION

Bronx, New York	**Lehman College**	**Fall 2013 - Spring 2017**

- B.S. Computer Science, Honor Designation, GPA-3.7, and inducted into **Phi Beta Kappa** academic honors society.

Manhattan, New York	**Google**	**Fall 2015**

- **Computer Science with Android Certification**. One of three chosen from my university to participate in an *in-person pilot* of Google's online computer science course. Learned and implemented various data structures and algorithms with the support of Googlers. Developed multiple Android apps using Java and Android Studio in weekly workshops.