

Parth Mehrotra

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Entrepreneurial leader with extensive technical experience

Experience

- 2018–Present **JP Morgan**, Asset and Wealth Management: Model Management, Full Stack Engineer.
- Model Management primarily deals with portfolio tooling and implementation. The software helps advisors craft portfolios that meet the constraints of the clients and the guidelines of JP Morgan's research team.
 - Full stack work includes:
 - Query Optimization to speedup our backend
 - Enabling UI to get information from other AWM teams
 - Writing tools to maintain consensus with other stores of data within JP Morgan
 - Was appointed Scrum Master for the Model Management development team.
 - Run sprint planning, retrospectives, daily stand-ups and other scrum rituals.
 - Key objective is to control drift between goals and outcomes.
 - Represent the interests of cross-functional AWM team members (users, management, and developers).
- 2015–2018 **SAP SE**, Digital Interconnect Group, UI Technical Lead.
- Digital Interconnect builds products that help Telco providers interoperate globally, seamlessly. Leveraging these offerings and relationships, we've developed an array of products that help businesses message their customers (LiveLink 365), perform market research (Consumer Insights 365), and enhance their security (Authentication 365).
- Progressed from an internship to a part time role, then transitioned into a full-time Technical Leadership position during senior year at Rutgers.
- CI365 - market research platform
 - Created intuitive ways for users to query and visualize unstructured data
 - Wrote machine learning algorithms to fill in unavailable attributes in our data.
 - Created a toolset that is used by CI365 data scientists to visualize our data with high fidelity, to identify areas of undercoverage/overcoverage, as a critical QA step.
 - Pioneered Code Insights Initiative as a Passion Project
 - Developed a tool to monitor code quality in large codebases with multiple contributors.
 - Converts version-controlled codebases into custom Abstract Syntax Trees which are used to track KPI's for each developer.
 - As a technical lead, the main focus was helping teams working on similar problems collaborate and share UI components more effectively. Explored UI technologies such as Vue.js and React. And how these technologies might relate to our diverse technical stacks and strategies.
- 2010–2019 **Multiple other projects**, *including published apps, startups, video content and a pending patent, are listed at parthmehrotra.com.*

Academics

- 2014–2018 **Rutgers University, New Brunswick**, B.S. Computer Science.
- Advanced Coursework in Data Structures, Algorithms, Computer Architecture, Systems Engineering, Principals of Programming Languages, Internet Technologies, and Software Methodology.
 - Independent Study on Autonomous Vehicles with Prof. Peter Jin (Intelligent Transportation Systems) and Prof. Kostas Bekris (Artificial Intelligence).