

MAURICE “REECE” BERNARD

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

Remote

M.S. Computer Science

January 2022 - Present

- Concentration: Computer Systems

GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, Georgia

B.S. Industrial and Systems Engineering

August 2017 – December 2020

- Concentration: Data Science and Analytics
- Minor in Computer Science – Computing and Intelligence Thread

EXPERIENCE

SNOWBALL - Financial Services Data Consulting

March 2025 - Present

Co-Founder (Typescript, Python, React, NodeJS, Postgres, Datadog, AWS, Generative AI)

- Leveraged Generative AI to develop a CIM analysis agent that automatically processes inbound emails and filters deals against investment criteria
- Built proprietary dealflow pipeline using Gen AI and web scraping to source LMM businesses, enriching owner contact data and revenue estimates
- Developed automated web scraping system to source founder exit events, streamlining UHNW prospect pipeline for wealth management

RANGE - Series B Wealth Tech Startup

March 2023 – March 2025

Senior Full-Stack Software Engineer (Typescript, React, GraphQL, NodeJS, Postgres, Datadog, AWS)

- Planned the Q4 roadmap for a 6-engineer team, cut average time to deliver financial plans by 30 minutes
- Refactored our monte-carlo simulation to run 60% faster
- Developed Range's core planning engine, enhancing our CFP efficiency beyond traditional RIAs
- Leveraged AI to automatically draft analysis messages for CFP delivering financial plans

Full-Stack Software Engineer

- Built a frictionless CFP time tracker in the product allowing greater visibility into our efficiency
- Implemented an OCR model for parsing data from pay stubs, saving ~\$200k annually in labor costs
- Mentored a recent graduate to advance into a full stack engineer role in three months
- Automated database migrations using AWS ECR, reducing reported issues
- Led the project to codify the US tax code for accurate 2024 and future tax projections
- Implemented GraphQL data loaders, reducing backend requests by over 300k per day

CANDIDATE - Seed Stage HR Tech Startup

March 2022 – March 2023

Full-Stack Software Engineer (Typescript, React, NodeJS, PHP, SQL, Git, Cypress, AWS)

- Developed an email notification system leveraging AWS SNS, and SendGrid, increasing DAU
- Led DB design, API development, and UI/UX of an admin tool, enabling data driven decisions
- Migrated the site from a dynamic site hosted on AWS EC2 to a fully static site on S3 and Cloudfront

Backend Software Engineer (PHP, SQL, Postman, Sequel Pro, MAMP, Git, AWS)

- Owned a project to integrate AWS SNS to send push notifications to mobile app users
- Refactored and redesigned Candidate's referral matching algorithm to run 75% faster

BLACKROCK

March 2021 – April 2022

Portfolio Analyst Group - Data Scientist (Python, SQL, Spark, NLP, SciPy, Jupyter Notebook)

- Optimized a data pipeline containing all security information for Aladdin clients totaling over \$500B
- Automated answering Request For Proposal documents resulting in \$8-\$16B in new inflows yearly
- Leveraged an NLP model to provide sentiment analysis on BBG news articles for the muni-bond team

Analytics and Risk Portfolio Analytics Group Intern

June 2020 – August 2020

- Programmed a model on 5 years of time-series data to proactively detect abnormal security lending

FORTAMUS - Life Insurance Tech Startup

January 2019 – August 2019

Software Development Internship - Data Integration (Python, Git, AWS, Lambda, Docker, Django)

- Developed proprietary life insurance valuation methods utilizing data vendors' APIs