DIVYA RAMAKRISHNAN

COMPUTER SCIENCE, BUSINESS MINOR
CORNELL ENGINEERING 2021

Senior studying Computer Science and Business at Cornell University seeking full-time roles in Software Engineering. Interests and experiences centered around using automation and software to improve operational efficiency and client experiences. Skilled in Object-Oriented Principles, Data Structures, and Algorithms. Enthusiastic about backend/frontend software development, data modeling, and data science.

CONTACT

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LANGUAGES

Java OOP ● ● ● ● ○

Golang ● ● ○ ○ ○

Python ● ● ● ○ ○

JavaScript/HTML ● ● ● ○ ○

OCaml ● ● ● ○ ○

MATLAB ● ● ○ ○ ○

SQL ● ● ○ ○ ○

SKILLS

Backend Software Development

GitHub/ZenHub Enterprise

Scrum Master

Agile/Scrum Processes

Design Thinking Methodologies

COURSEWORK

Algorithms, Object-Oriented Design and Data Structures, Data-Driven Web Pages, Practical Tools for Operations Research/ML/Data Science, Data Science for Engineers, Principles of AI, Product Management, Computer System Organization and Programming, Behavioral Economics & Managerial Decisions, Macro & Micro Economics

INTERESTS

Software Development, Data Science, FinTech, Data Visualization, Data Science, Product Management, Project Management, Effective Altruism

WORK EXPERIENCE

GLOBAL TECHNOLOGY SUMMER ANALYST

Bank of America | *June 2020 - August 2020* | *Charlotte, NC (Remote)*
- Completed three projects exploring topics of data literacy and stock market analysis, Environmental, Social, and Corporate Governance (ESG), and automation
- Worked alongside 10 interns on Data Transformation team to create Python scripts to analyze application management data and consolidate necessary information - increasing efficiency of certain tasks done by BofA's Enterprise Architecture division by over 50%

BACKEND SOFTWARE DEVELOPMENT INTERN/PART TIME EMPLOYEE

IBM | *June 2019 - March 2020* | *Raleigh, NC*
- Developed a Cloud Support Plugin CLI in Golang to automate client troubleshooting data collection for IBM's Advanced Cloud Support (ACS) Team, projected to reduce time to resolution by 60% and improve net promotor score, by reducing interaction time between support engineers and clients
- Reverse engineered Kubernetes Service APIs to create custom commands and scripts needed by support engineers
- Lead regular scrum meetings and retrospectives to ensure fulfillment of weekly milestones and timely releases of Plugin components

SENIOR OPERATIONS AND ECONOMIC ANALYST

Cornell DEBUT Project Team | *October 2018 - Present* | *Ithaca, NY*
- Managing marketability, and patentability of novel biomedical devices developed by the team to be submitted to VentureWell DEBUT upon competition
- Responsible for writing 50% of annual technical report submitted to competition detailing economic aspects of the products

LEADERSHIP EXPERIENCE

REWRITING THE CODE FELLOW

June 2020 - Present
- Selected to join all-women technology organization, to develop actionable responses to needs of women in the tech industry whilst partaking in leadership training and professional development program with students from various universities

SENIOR MEMBER OF FORTÉ CAMPUS AT CORNELL

October 2018 - Present | *Ithaca, NY*
- Selected to join 34 other women at Cornell to learn and mentor junior members in discussions/workshops centered around topics like business acumen, professional skills, and gender dynamics across industries

ENVISION CONFERENCE ATTENDEE

December 2017, December 2018 | *Princeton University, NJ*
- Competitively twice-selected among undergrad/grad peers to attend 3-day Conference to partake in critical discussions and micro-projects surrounding ethics of breakthrough technologies in fields including Biotech, Artificial Intelligence, Effective Altruism, and Machine Learning