

# 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. Experienced 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

Tableau Data Visualization

## COURSEWORK

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

## INTERESTS

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

## 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 promoter 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 undergraduate and graduate peers to attend 3-day Envision 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