

# Meera Kurup

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## EDUCATION

**Brown University** A.B Computer Science and Entrepreneurship Certificate, GPA 3.94 **Expected Grad: May 2023**

**Coursework:** Software Engineering, Data Structures & Algorithms, Deep Learning, Computer Systems, Data Engineering, Microeconomics, Statistics, Linear Algebra, Entrepreneurial Process, Market Research, Management of Industrial Orgs

## TECHNICAL SKILLS

Python, JavaScript, Java, C, HTML/CSS, Swift, Racket, Assembly, React Native, TensorFlow, AzureML, Databricks, AWS, Angular, Firebase, SQL, React, Selenium, Spark, Git, Qlik Sense, Palantir Foundry, BQL

## WORK EXPERIENCE

**Microsoft**, *Program Management Intern* Bellevue, WA | May - August 2022

- Lead the AzureML and Azure Synapse interoperability project for the new Azure data analytics SaaS offering.
- Designed UX mocks and high-level spec docs outlining the user experience of sharing models and data.
- Conducted users interviews with top AzureML customers and worked with CSAs, PMs, Engineers, and Designers to make data driven and technically feasible recommendations.

**Bloomberg LP**, *Desktop Build Group Quant Intern* New York, NY | June – August 2021

- Developed applications on an interactive platform, BQuant, combining Python with Bloomberg data and utilizing Bloomberg Query Language BQL, for major market client base. Awarded Bloomberg Values Intern of the Summer.

**National Institutes of Health**, *Data Science Intern & Civic Digital Fellow* Bethesda, MD | June - August 2020

- Interpreted and analyzed internal NIH and FDA COVID-19 clinical trials data in Qlik Sense and Palantir Foundry.

**Northwoods Software Corporation**, *Software Engineering Intern* Nashua, NH | June - July 2019

- Programmed interactive explanatory diagrams and Scratch editor for new GoJS product users in JavaScript.

**Fidelity Investments**, *Data Engineering Intern* Merrimack, NH | June - August 2018

- Built GUI for database administrators to access, edit, and add metadata to databases, full stack development.

**Fidelity Investments**, *Software Engineering Intern* Merrimack, NH | June - August 2017

- Designed webpage in HTML/CSS used daily by database teams and hosted on local server using Angular.
- Lead a team to design a finance application to teach children investing and money management basics.

**Brown University**, **Undergraduate Teaching Assistant** April 2021 – Present

- Head Teaching Assistant for Cybersecurity Ethics, Data Engineering, and Entrepreneurship Practicum.

## LEADERSHIP

**EmpowerU**, *Co-founder and Chief Technology Officer*

- EdTech start-up working to address education disparities by providing resources & tools to obtain higher education.
- Building a web application in React Native and AWS with team of 4 developers and designers.

**Nelson Center for Entrepreneurship**, *Peer Entrepreneur in Residence*

- Mentor to fellow students on the entrepreneurship journey from exploring an idea to developing the MVP.

**Women in Computer Science**, *Coordinator*

- Organize events for members to create an inclusive environment in the Computer Science department

**Social Innovation Fellowship**, *2020-2021 Fellow*

- Interning at the Providence Tech Collective in the K-12 youth coding program and Cybersecurity Program.

**CodeIT Girls**, *Founder and Program Leader*

- Teaching programming lessons at local elementary schools with mission to encourage young girls to pursue technology with \$1,500 funding from NCWIT AspireIT Program and in partnership with UNH STEM Discovery Lab.

## TECHNICAL PROJECTS

**Intern Helper**, *Team Project*

- Web app to help students find internships with their resume utilizing redesigned PageRank algorithm.

**ALZSPoetry**, *Personal Project*

- iOS App for Alzheimer's patients to listen to poetry recorded by family members & winner of 2017 Congressional App Challenge, coded in Swift and enabled AWS services.