Rohan Nagavardhan

www.linkedin.com/in/rohan-s-n

Email: rnagavar@umich.edu
Website: rohansogal.com

EDUCATION

University of Michigan **August 2020 – May 2024**
BSE in Computer Science, Minor in Astrophysics; GPA: 3.8/4.0 *Ann Arbor, MI*

- **Courses**: Data Structures and Algorithms, Computer Organization, Differential Equations, Discrete Math, Linear Algebra
- **Upcoming**: Computer Security, Operating Systems, Web Systems, Distributed Systems

PROGRAMMING SKILLS

- **Languages:** Python, C++, HTML, CSS, JavaScript, Golang, C#, SQL
- **Frameworks:** TailwindCSS, Bootstrap, FastAPI, Flask, Spacy, React.js, Next.js, .NET Core
- **Tools:** Git, VSCode, Pycharm, CLion, Makefile, Docker, Jira
- **Database:** PostgreSQL, SQLite, CloudFirestore, MySQL
- **Cloud Platforms:** Heroku, Netlify, AWS, Google Cloud Platform

WORK EXPERIENCE

Comcast (Effectv) **May 2022 – August 2022**
Software Engineering Intern *Philadelphia, PA (Virtual)*

- Worked on the modernization of Comcast's Enterprise TV Ad Scheduling and Verification platform using AWS Cloud services, Docker, and Golang used by 300+ business users
- Used Golang, Cobra to build an internal tool, used by 5 engineers, to enable live reload functionality for both containerized and non-containerized Golang applications
- Worked as a Scrum Master and led SAFe Agile ceremonies including Daily Standup, Sprint Planning, Retrospective, and PI Planning

Wander (thinkwander.com) **February 2021 – August 2022**
Full-Stack Software Engineer Intern *Ann Arbor, MI*

- Implemented a cross-platform social media mobile application to share and discuss intellectual content using React Native and Flask
- Developed a text-highlighting feature to facilitate thoughtful online discussion between our 500+ web application users using React.js and Flask
- Improved webpage rendering speeds by 50% using infinite scroll and caching

PROJECTS

logit (fitbit-recipe-importer.netlify.app) **May 2022 – Present**
Side Project *New York, NY*

- Utilized React.js, FastAPI and FitBit API to parse an online recipe and import its nutritional information into the FitBit mobile/web application
- Trained a custom Spacy named-entity recognition model with 1000+ recipes to extract quantities, units, and ingredients from any recipe
- Generated 200+ unique page visits and received 50+ upvotes on r/fitbit within the first month of launch

Reshape (reshape-io.github.io) **January 2022 – May 2022**
Side Project, Contrary Capital Build Sprint Winner *Ann Arbor, MI*

- Built a natural language data analytics tool using FastAPI, Spacy, & React.js and gathered interest from Head of Analytics @ Intuit, CI Manager @ Google, & Head of Sales @ Phantom Auto

ExoBoost **May 2019 – March 2020**
Student Researcher, Published in [Astrobites Journal](#) *Stony Brook, NY*

- Used Python ML libraries to train a novel machine learning model to predict number of potential exoplanets with an accuracy of 81%

ACTIVITIES

University of Michigan Science Olympiad **September 2021 – Present**

- Wrote and supervised a wave & optics exam for 50+ students at the UofM 2022 Science Olympiad tournament

V1 Product Studio ([PlzDon'tWaitlistMe](#)) **November 2021 – April 2022**

- Led 4 students in building a web application to help UofM students stay up to date on the classes they plan to register for in the upcoming semester using FastAPI and Next.js