

Anand Nanduri

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<https://github.com/ananduri9>

EDUCATION

Yale University New Haven, CT

Class of 2020

- **Bachelor of Science** Electrical Engineering and Computer Science

GPA: 3.79

- **Bachelor of Science** Statistics and Data Science

- Relevant Course Work: Data Structures and Programming Techniques, Systems Programming and Computer Organization, Algorithms, Parallel Programming, Computer Networks, Natural Language Processing, Digital Systems, Artificial Intelligence, Theory of Statistics

East Brunswick High School East Brunswick, NJ

2012-2016

- Salutatorian

GPA: 4.76/4.00

- National A.P. Scholar, National Honors Society

WORK EXPERIENCE

MongoDB New York, NY

Summer 2019

Software Engineering Intern

- Worked as a fully integrated member of the full-stack Stitch Core team with Agile workflow and Kanban ticket board.
- Used React and Golang to fix bugs and make optimizations to Stitch including JavaScript to TypeScript conversions, improving usability for webhooks and functions, adding additional logging, and performance testing.

Yale Department of Computer Science New Haven, CT

2018

Undergraduate Learning Assistant

- Assisted students with thinking through and debugging homework assignments during bi-weekly office hours.
- Taught students basic computer science concepts including pointers, data structures, algorithms, and web development.

AT&T Middletown, NJ

Summer 2018

Technical Intern

- Used Machine Learning and Deep Learning models in Python3 (Pandas, Sci-kit Learn, and Keras) to create a micro-service that performed anomaly detection on batches of cellular data.
- Performed statistical analysis on cellular data, exposing differences in latency for different phone models and networks.

Yale Student Technology Collaborative New Haven, CT

2017-Present

Coordinator/Student Developer

- Use Ruby on Rails and React to develop web applications including Yale's on-campus housing website (Vesta) by fixing bugs, refactoring codebase, and converting front-end to React.
- Lead a team of 3-4 developers on Vesta, holding standups and teaching web development best practices.

Commvault Systems Tinton Falls, NJ

Summer 2017

Customer Applications Development Intern

- Leveraged Docker to create an Apache SolrCloud environment, increasing resiliency with failover and load balancing.
- Used Hive/Hadoop to implement Slowly Changing Dimensions in Customer Relationship Management data.

PROJECTS

MongoDB as LRU Cache

Summer 2019

- Developed an LRU caching mechanism for MongoDB collections using MongoDB Stitch.
- Created React client to showcase LRU cache metrics with MongoDB Charts.

Flow *1st Place BitCamp: Best Moonshot Hack*

Spring 2018

- Worked with a team on a miniature version of a project to control traffic at large events using beacons.
- Developed iOS application with Node.js server and signs that changed dynamically using socket.io to guide attendees to the optimal parking spots.

TECHNICAL SKILLS

Fluent Python, C, JavaScript/TypeScript (Node, React), Unix

Proficient Golang, Ruby on Rails, Keras, HTML/CSS, MongoDB, SQL, Docker

ACADEMIC ACHIEVEMENTS

- Bausch Health US Scholarship Program for Dependents Scholar (2019)
- Best Social/Civic Hack PennApps XV (2017)