

# PRAGUN ANANDA

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## Education

### University of Virginia

BA in Computer Science, BA in Statistics

Aug 2018 - May 2022

- **GPA:** 3.72/4.00

- **Activities:** Head TA, AI Summit@UVA President, CS Youtuber, Competitive Coder, Salsa Dancer

## Experience

### Booz Allen Hamilton

Software Engineering Intern: Aerospace

Jun 2021 – Current

- Impacted workflows of ~1000 Principals, VP's, and Senior Consultants by building an internal web app to improve efficiency of client projects across the 1B dollar aerospace account
- Led 4-person team, introducing version control w/ Git for our 5,000+ line codebase and JavaScript, HTML, and CSS for site development
- Deployed web app into production and wrote 22 page documentation on software maintenance

### University of Virginia

Head TA: Algorithms and Data Structures

Aug 2020 - Current

- Advise 22 TAs during daily office hours using course content expertise
- Lecture to 100+ students weekly about every assignment. Teach with Java, Python, and C++

### Johnson Technology Systems

Software Engineering Intern: Accounting & HR

May 2019 – Aug 2019

- Reduced time spent approving timesheets by 94% by writing a Python script to automate reconciliation of hours logged and hours actually worked for ~70 timesheets every week

## Projects



### Bitwise

SWE interview prep tool - **web**

Aug 2022

- Building an interview prep progress tracker to show users what needs practice and how much
- **Tools:** Python, TypeScript, FastAPI, React, MongoDB, GraphQL

### Nook

Aug 2022

Study space finder - **mobile**

- Developing a mobile app to help UVA students find open study spaces on campus
- **Tools:** Golang (Go), JavaScript, React Native, Expo, AWS

### Libra

May 2020 - Jul 2020

Python ML library for beginners - **open-source**

- Built ML model interaction interface for 10,000+ users of the Python library (~2000 Github stars)

## Skills

- **Languages:** Python, C++, Java, Golang, Typescript, JavaScript, SQL, HTML/CSS
- **Technologies:** React, Kubernetes, Django, Linux, Apache Spark, React Native, AWS, Docker, Git