

# Sean Gruber

To obtain a full time software development position to apply and further advance my skills related to software development.

## EXPERIENCE

### Software Development Engineer Intern, AWS

MAY 2020 - AUGUST 2020, MAY 2021 - AUGUST 2021, MAY 2022 - AUGUST 2022

Developing internal projects using various AWS services such as Lambda, EC2, S3, CDK Stacks, SES, SNS, and DynamoDB. Projects deployed via AWS CodePipelines. Additionally, responsible for planning, documentation, and expandability of each project.

### Graduate Teaching Assistant, Virginia Tech

AUGUST 2022 - CURRENT

Teaching assistant for junior level computer systems course at Virginia Tech. Responsibilities include holding office hours, grading tests and exams, and grading projects.

### Undergraduate Teaching Assistant, Virginia Tech

AUGUST 2019 - MAY 2020, AUGUST 2020 - MAY 2021

Teaching assistant for low level java courses at Virginia Tech. Responsibilities include instructing lab sections, holding office hours, proctoring tests, and grading projects.

### Undergraduate Research Assistant, Virginia Tech

AUGUST 2020 - DECEMBER 2020

Research assistant under Dr. Clifford Shaffer, assisting in converting the OpenDSA database from MySQL to PostgreSQL.

## EDUCATION

### MS Computer Science and Applications, Virginia Tech

AUGUST 2021 - CURRENT

GPA: 3.80

Expected graduation May 2023, thesis work focused on Gaps in Software Engineering Education and how those gaps can be addressed.

### BS Computer Science, Virginia Tech

AUGUST 2017 - MAY 2021

In Major GPA: 3.53 Overall GPA: 3.46

Awards: Dean's list with distinction for Fall 2017 Semester, Dean's list for Spring 2019 and Fall 2020 Semesters.

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## SKILLS

### Programming Languages:

Python  
Unity  
C#  
TypeScript  
JavaScript  
Java  
C  
Linux  
HTML/CSS  
SQL

### Development Tools/Methods:

Git  
AWS Services  
Documentation  
Agile

### Applications:

Windows  
Microsoft Office  
Eclipse  
IntelliJ  
PyCharm  
Visual Studio Code

## Relevant Coursework

### Computer Science Course:

Software Engineering  
Software Design  
User Interface Software  
Information Visualization  
Human Computer Interaction  
Theory of Algorithms  
Data Analytics  
Computer Systems

### Other Courses:

Discrete Math  
Combinatorics  
Calculus I, II, and III  
Statistics  
Linear Algebra