

KYLE GERNER

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COLLEGE EDUCATION

Virginia Tech, Blacksburg, VA

BS Expected graduation Dec. 2021

BS Computer Science, Minor Mathematics

- **3.97 GPA**
- **Scholarships – Graduate School Talent Scholarship, Pratt Engineering Scholarship**
- **Extra-curricular:** Intramural Flag Football (four teams), Intramural Basketball, self-teaching guitar, Virginia Tech Honors College, Phi Kappa Phi Honor Fraternity.

WORK EXPERIENCE

Software Engineer Intern, Capital One

June 2021 – August 2021

Mclean, VA, Virtual

- Built API's using Python to allow users to request On-Demand access to AWS. Heavy focus on unit testing and feature testing. Worked with Google Protocol Buffers. Worked in an Agile environment.

University Teaching Assistant, Virginia Tech

January 2021 – present

Blacksburg, VA

- College of Engineering, Computer Science Dept., Python programming teaching assistant.

Software Engineer Intern, Pragmatics, Inc.

June 2020 – August 2020

Reston, VA

- Software development and testing, database management and web application development with Spring Boot. Introduction to AWS and Docker. Worked in an Agile environment.

Food Delivery Service Provider, GrubHub

November 2020 – present

Blacksburg, VA, Mclean, VA

- Delivery of carry out food to home addresses to provide partial funding of college expenses

Counselor and Coach, Referee, Flagstar Football Inc.

Summer 2019

Mclean, VA

Spring 2016, 2017, 2018

- WDC Metro Area Youth Referee of the Year

PERSONAL PROJECT

Developed AI's for several strategy-based board games. Improved efficiency by using techniques such as minimax with alpha-beta pruning, transposition tables, and smart search-space selection.

TECHNICAL SKILLS

Primarily: Python, Java, C, HTML

Some Experience: JavaScript, AWS, Docker

HIGH SCHOOL EDUCATION

Thomas Jefferson High School for Science and Technology, Alexandria, VA

Spring 2018

#1 Academic High School in the United States (*Newsweek*)

- **GPA - 4.3/4.0 ACT - 34/36** (Math, 35/36, English 35/36)
- **Most Valuable Player and All-District Honors, Varsity Football.**