

JoshuaKim

Software Engineer

about

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interests

Software Development, Machine Learning, Computer Vision, Cybersecurity

education

2016–2019 **University of Virginia** School of Engineering and Applied Science
Bachelor of Science in Computer Science
Coursework: Operating Systems, Computer Vision, Machine Learning, Network Security, Defense against the Dark Arts, Databases

experience

7/19 - Future **Amazon.com** Software Development Engineer
TBD

8/18 - Now **University of Virginia** Teaching Assistant
Teaching assistant for CS 2110: Software Development methods. Held office hours for undergraduate students, teaching concepts covered in classes and assisting students with debugging labs.

5/18 - 8/18 **Amazon.com** Software Development Engineer Intern
Interned for AWS Kinesis Streams. Worked on resolving crucial database table scaling issues for the streaming service, reducing read IOPS usage from $O(n)$ to $O(1)$. Performed extensive testing to evaluate failure scenarios and evaluate performance changes.

applications

01/1 - Now **joshuakim.me** joshuakim.me
Personal website created using Bootstrap for CSS.

08/18 - 12/18 **UVa Schedule** elmos-world-herokuapp.com
Reddit-style website to keep track of events built using Django and Bootstrap. Allows users to create groups to post events, vote on them, and add them to their Google calendar.

07/18 **GrabBag** github.com
Alexa skill made in 8 hours for a mini-hackathon that allows users to add random items to their Amazon.com cart using the Amazon Product Advertising API.