

David J. Yoon

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EDUCATION

University of Virginia, Charlottesville, VA

August 2017 – December 2020

B.S in Computer Science with Minor in Entrepreneurship

- **Major GPA:** 3.82/4.0 | **Cumulative GPA:** 3.7/4.0
- **Relevant Coursework:** Machine Learning, Computer Architecture, Internet Scale Applications, Program and Data Representation, Algorithms, Adv. Software Development Methods, Digital Logic Design, Discrete Mathematics

SKILLS

Programming: Java, Python, C++, C#, C, SQL, x86 Assembly, JavaScript, HTML, CSS, Swift

Frameworks/Tools: .NET, Git, Node.js, TensorFlow, Scikit-learn, Django, Pandas, Docker, Linux, MATLAB

WORK EXPERIENCE

Alarm.com, Tysons Corner, VA

June 2019 – August 2019

Software Engineering Intern

- Developed a new backend service using ASP.NET, Ember.js, Android SDK, and SQL server that enabled the company to utilize phones as proxies in order to connect video cameras to Alarm.com's admin site
- Worked meticulously with threading and computer networking to cleanly pass instructions between cameras, phones, and dealers

UVA SEAS Office of Educational Innovation, Charlottesville, VA

May 2019 – Present

Undergraduate Research Assistant

- Leading the backend team to create educational research tools to enhance the classroom experience at UVA

UVA Information Technology Services, Charlottesville, VA

September 2018 – June 2019

IT Help Services Intern

- Assisted in sorting through technology related complaints submitted by students and faculty and created reports documenting level 1 help desk cases
- Abstracted over 7000 computing IDs from paper form into a database to help document security key allowances

PROJECTS

JerseyMarket

September 2019 – December 2019

- Built a 3-tier e-commerce site using Docker, Django, HaProxy, and TravisCI that is designed to sell soccer jerseys
- Implemented a working search engine for user jersey search using Elastic Search and Apache Kafka

PickUp

July 2019 – Present

- Creating a mobile application to help people at UVA and in the Charlottesville community find pick up soccer games in the nearby area

UsablePrivacy

June 2019 – December 2019

- Worked with Professor Yuan Tian to investigate company natural language privacy policies and model their effectiveness in privacy protection
- Designed a crawler to gather design documents of mobile/IoT apps on Github

LEADERSHIP

TedxUVA, Charlottesville, VA

June 2018 – Present

Marketing Chair / WebMaster

- Assisted in managing the TEDx UVA website in order to create a user-friendly interface that is formidable for marketing
- Created marketing videos and created student profile pages to promote UVA's student speaker event

HackCville, Charlottesville, VA

October 2017 – August 2019

Data Agency Co-Lead

- Coordinated with a small team of UVA students to identify patterns for local businesses in the Charlottesville area