

Brian Yu

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Objective	Seeking a summer internship in software engineering with high impact and opportunity for growth.
Education	B.S. in Computer Science, University of Virginia , Charlottesville, VA Expected: May 2021 4.0 GPA Relevant Courses: Program and Data Representation, Linear Algebra, Discrete Math Thomas Jefferson High School for Science and Technology , Alexandria, VA June 2017 4.36 GPA
Experience	Software Engineer , theCourseForum, Charlottesville, VA Feb 2018 - Present <ul style="list-style-type: none">Maintain and develop new features for UVA's premier academic planning application. URL: https://thecourseforum.com/Work with backend and front end web technologies like MySQL, Ruby on Rails, and JavaScript. Web Developer , Insight Interfaces, Washington D.C. Jun - Aug 2016 <ul style="list-style-type: none">Designed and developed a video conferencing web application using HTML/CSS/JS, Python, and Django for a D.C. based telecom startup
Activities and Project Work	Program Coordinator , HackCville, Charlottesville, VA Sep 2017 - Present <ul style="list-style-type: none">Program Coordinator for HackCville's Node data science programTeach students about data visualization, linear/logistic regression, text analysis, and web scraping in Python Treasurer , Machine Learning Club, University of Virginia Sep 2017 - Present <ul style="list-style-type: none">Work on projects related to machine learning to showcase at weekly meetingsContribute to weekly reading group discussions about relevant machine learning scientific papers and articles Undergraduate Researcher , UVA Link Lab Jan 2018 - Present <ul style="list-style-type: none">Develop GUIs in Matlab that adequately inform drivers of autonomous vehicles' intentions in order to reduce driver anxiety and increase driver trust. Creator , Tracking Foot Traffic over IP Webcams Dec 2017 <ul style="list-style-type: none">Developed a system that monitors foot traffic in specific locations over internet connected webcams using Python, Jupyter Notebooks, Flask, and the YOLO convolutional neural network architecture.URL: https://news.ycombinator.com/item?id=15874866
Accomplishments	National Merit Scholar 2017 National AP Scholar 2017 Honor Roll Sep 2013 - June 2017
Skills	<u>Proficient:</u> Python, Java, C/C++, Javascript <u>Learning:</u> Rust