

KEVIN FU

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EDUCATION

Georgia Institute of Technology

Bachelor of Science, Computer Science

Atlanta, GA

Aug 2020 - May 2024

- 4.0 GPA
- Relevant Coursework: Intro-Object Oriented Prog • Data Struct & Algorithms • Computer Organization&Prog • Linear Algebra • Multivariable Calculus

Thomas Jefferson HS for Science and Technology (TJ)

Advanced Studies Diploma

Alexandria, VA

Sep 2016 - May 2020

- 4.4/5.0 GPA
 - Relevant Coursework: AP CS+Data Struct • Web App Development • Computer Vision • Artificial Intell
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EXPERIENCE

Empower

Software Engineering Intern

McLean, VA

Jun 2020 - Present

- Designed and implemented a backend analytics system to aggregate statistics from ridesharing trips using Microsoft Azure cloud storage and Python functions.
- Collaborated on creating a frontend web dashboard using HTML, Javascript, and CSS.
- Creating Python analytics functions and datasheets for the marketing team.

TJ Senior Research Project • AutoPGN

Co-researcher

Alexandria, VA

May 2019 - May 2020

- Developed real-time autonomous chess move transcriber, using OpenCV, Keras and Python.
- Created training dataset from scratch for convolutional neural network, as detailed in [paper](#).

Fairfax Collegiate

Assistant Instructor

Reston, VA

Jun 2019 - Aug 2019

- Guided elementary and middle school students through summer programming classes.
 - Covered topics like Python game development, LEGO Mindstorms robotics, iOS app development with Thinkable, and basic web development with HTML, Javascript, and CSS.
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CLUBS

GT RoboJackets

Member

Atlanta, GA

Aug 2020 - Present

- Learned C++ and ROS fundamentals to contribute to globally-competitive college robotics team.
- Implementing iLQR cost function for intelligent robot motion planning.

TJ Machine Learning Club

Captain

Alexandria, VA

Sep 2019 - May 2020

- Presented data science and machine learning lectures (such as this [CNN lecture](#)) for one of the few high-school-level machine learning clubs in the US.
 - Hosted ML contests and a guest lecturer from the US Naval Research Laboratory.
 - Maintained club website on GitHub with Javascript and GitHub Pages.
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SKILLS

Programming Languages

Python • Java • C++

Tools

Microsoft Azure • ROS • Conda

Web Development

Javascript • HTML • CSS • jQuery

Machine Learning

OpenCV • Keras • Jupyter