

Kevin Guo

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Education

The University of Texas at Austin, Austin, TX, *Expected May 2022*

Bachelor of Science in Computer Science

GPA: 3.79

Relevant Coursework: Data Structures, Operating Systems, Computer Organization and Architecture, Discrete Math, Algorithms, Computer Graphics

Experience

Other World Computing, Austin, TX, November 2019 - Present

Software Intern

- I work in the backend services team, which involves managing customer transactions in our databases and our ERP system, as well as developing internal software to improve workflow
- Refactored C# applications and rewrote SQL stored procedures for performance
- Recently, I have been responsible for developing a .NET application that allows users to send API requests that are then inputted into our ERP software via desktop automation (using Selenium and WinAppDriver). Front-end is written in React.

Ultra Electronics, 3eTI, Rockville, MD, *July 2019 - August 2019*

Software Intern

- Sole developer for the fulfillment of a defense contract
- Developed an interactive CRUD whiteboard app that keeps track of prisoners and is installed on site in naval brig.
- A Universal Windows App designed to run on windows tablets and toughbooks, written in HTML/JS/CSS with C# runtime components and using the WinRT API to make system calls.

Projects

- Built a stock trading bot for the Robinhood app
<https://medium.com/@kev.guo123/building-a-robinhood-stock-trading-bot-8ee1b040ec6a>
- Won “Best Health Hack” with my team at HooHacks 2019
<https://devpost.com/software/statera>
- Created a program written in Python that “reads” images of chess boards, identifying pieces on squares and printing chess moves out in algebraic notation, uses OpenCV for computer vision and Tensorflow for machine learning

Skills

- Coded in Python, Java, C, C++, C#, x86 Assembly
- Experience in HTML/CSS/JS, React, .NET, Selenium, SQL