

# Kevin Guo

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## Education

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**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

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

*Software Engineer*

- Developed full-stack applications and RESTful services using React frontends and .NET Core backends, using EntityFramework to communicate with SQL databases
- Created a service that automates Windows applications using Selenium and WinAppDriver
- Practiced Agile and Scrum on the backend services team with 8 total people, working to deliver code that improved the rest of the company's infrastructure and efficiency

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

*Software Engineer*

- Sole developer for the fulfillment of a Navy defense contract
- Developed an interactive CRUD whiteboard app that keeps track of prisoners and is currently installed on site in naval brig
- It is 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

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- 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

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**Languages:** Python, Java, C, C++, C#, SQL, HTML/CSS/JS, x86 Assembly

**Tools:** Git, React, .NET, Selenium, Jira, Kibana, Jenkins, Docker