Cole Harper

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EDUCATION

University of Texas at Austin   AUGUST 2019 - MAY 2023

- Coursework: Java Programming, Calculus I & II
- GPA: 3.8

SKILLS

Proficient in:	Familiar with:	Exposure to:
Java	**Python**	**CSS**
	Git	**React Native**
	HTML	**Javascript**
	Linux	

PROJECTS

True Colors— *HACKTX*   PIMCO Challenge for Best Sustainability Hack - 2nd place   NOVEMBER 2019

- Created a **React Native** app that would scan product barcodes and display the manufacturer ESG score
- Helps consumers make purchasing decisions ethical in stores by showing ESG scores of parent companies
- Contributed to backend by creating a database using **node.js** and **SQLite**

Collision Vision — *TAMUHACK*   JANUARY 2020

- Created on a web app that identifies problematic traffic intersections by training a Microsoft Azure Cognitive Service model on safe and unsafe traffic intersections from satellite images sourced from a database on traffic accidents and then displayed using Google Maps API
- Designed with for both consumers looking to find the safest way to their destination, as well as industry users looking to create and improve problematic intersections and design safer intersections for the future
- Written in **Python**, **HTML5**, **CSS**, **Javascript**

COMMUNITY AND LEADERSHIP

Texas Association of Computing Machinery — *Vice President of Human Resources*   AUGUST 2019 - PRESENT

- Ensured a positive and welcoming atmosphere at ACM events
- Helped sponsor ACM Mentorship program
- Maintained ACM Bylaws and Code of Conduct within ACM spaces

Member of Competitive Computer Science Team (WL)

- Travels to various Hackathons across the country

EXPERIENCE

Code Ninjas, Round Rock— *Code Sensei*   JUNE 2018 - AUGUST 2019

- Taught children (aged 7 - 14) on topics such as the basics of computer science and the importance of technology
- Worked directly with 20+ children a week to teach them basic computer science topics such as variables, loops, and conditionals.
- Led topic-specific camps for 15-30 children over such as scripting in Roblox using Lua, JavaScript