

PIERCE KOTARSKI

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EDUCATION

The University of Texas at Austin	Mechanical Engineering, Certificate Computer Science	May 2020
Overall GPA: 3.82		

EXPERIENCE

VISA – Full Stack Software Engineer; Austin, TX October 2020 - Present

- Built and maintained multiple consumer-facing web applications and reusable UI component libraries using Angular (Typescript), including VISA's web authentication portal.
- Leveraged Vue.js to build a web-components library of easily shareable UI components hosted on a CDN.
- Spearheaded redesign and introduction of new features in user-facing application; resulted in reduction of page load times by up to 20%.
- Lead effort to configure JavaScript bridges and deep links to VISA's auth portal for integration with phone apps.
- Designed a dynamic and authorable content management system for one of VISA's applications leveraging AEM.
- Developed Java microservices using SpringBoot and introduced key new features such as password recovery via SMS.

VISA – Software Engineering Intern; Austin, TX May 2019 – August 2019

- Created an internal dashboard to manage toggleable dynamic content across various VISA international sites.
- Headed effort to design Angular application with reusable and self-contained components and styles.
- Designed MySQL relational database structure and wrote Java SpringBoot microservice APIs.
- Project resulted in a working internal dashboard that led to a reduction in deployments across VISA sites.

PROJECTS

Fantasy Auction – Personal Project

- Created React NextJS web application that provides a platform for live fantasy football waiver auctions.
- Designed responsive UI components that offer seamless experiences for users across desktop, tablet, and mobile devices.
- Implemented SWR caching to decrease necessary network calls to backend microservice.
- Built Node.js backend infrastructure to support many heavy read write operations to MongoDB cluster.

LEADERSHIP EXPERIENCE AND VOLUNTEERING ACTIVITIES

Code2College – Instructor June 2021 - Present

- Taught python to under-privileged high school students in an entry level computer science course.
- Students begin the course with no experience and leave with enough to build a small game.

Kappa Sigma Fraternity – Alumni Fall 2016 - Spring 2020

HONORS

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| • ConocoPhillips Achievement Scholarship (4 year award) | Fall 2016 - Spring 2020 |
| • Mechanical Engineering Honors Program | Spring 2018 - Spring 2020 |
| • University Honors (8 semesters) | Fall 2016 - Spring 2020 |

ADDITIONAL INFORMATION

Programming Languages: Javascript, Typescript, Java, Python, Swift

Tools and Frameworks: React, Angular, Vue, NextJS, Node.js, Express.js, SpringBoot, MySQL, MongoDB

Interests: Books, Movies, Music, Traveling, Snowboarding, Baseball, Basketball, Running, Golf.

International Experience: Lived overseas for 13 years in Australia, Qatar and Singapore.

Work Eligibility: Eligible to work in the U.S. with no restrictions.