Eric Cho

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Education

University of Georgia **Aug 2016 - Jul 2020**

Degree: Bachelor of Science in Computer Science
Emphasis: Emphasis in Internet Information Technology, Certificate in Applied Data Science
GPA: 3.40/4.00
Scholarships: Hope Scholarship, McMullan Study Abroad Scholarship
Events: National University of Singapore Exchange Program (2019), 2nd place winner at UGAHacks5 (2020)

Experience

Associate Technical Consultant | Perficient **May 2020 - Dec 2021**

- Used JQuery, React, and Sitecore for multiple clients to build front-end services, interfaces, stylesheets, components, and bug fixes critical to the project's completion.
- Provided active support to front-end developers, content authors, and client team members.
- Built full stack features in C# and JavaScript for an internal site used to facilitate the training process of new interns, which included interacting with databases of users/admins, implementing user interfaces and admin dashboards.

Undergraduate Calculus Tutor | University of Georgia **Sep 2017 - May 2018**

- Taught key mathematical concepts during daily walk-in tutoring sessions of up to 20 students.
- Coordinated with other graduate tutors to teach students in Calculus I-III.

Projects

Remodel Storefront | React, Node.js, JavaScript, SCSS, Heroku

- Created components to replicate an ecommerce website template and functionalities using React.
- Data used throughout the website is generated using Node.js.
- Built over 30 unique design combinations and visual themes that can be applied to each component template.

Cryptocurrency Price Charts | React, Node.js, JavaScript, SCSS, Heroku

- Retrieved live and historical JSON data of over 200 cryptocurrencies and the general market from multiple API sources.
- Used Node.js to parse data and return several technical indicators based on historical price action.
- Used the TradingView API to transform live data of prices and indicators into resizable charts.
- Created a responsive React web app hosted on heroku to display compiled data.

Walking Aid Notification Device (W.A.N.D.) | Python (OpenCV, gTTS)

- A project made to assist people with blindness by using sensors and image analysis.
- Compiled numerical data from an ultrasound sensor, analyzed images with object detection, and used text to speech technology to output information in an accessible way with the OpenCV and gTTS libraries.
- Completed a working handheld prototype in a team of four at the 2020 UGA Hackathon and won second place.

Snake Neural Network | Python (Pygame, Numpy)

- Implemented a game of Snake using the pygame library.
- Implemented neural networks and genetic algorithms using the numpy library.

Movie Theater Web Application | JavaScript, Java Servlet, SQL

- Developed a full stack web application that allows registered users to book movie tickets.
- Took the role of front end developer and also provided support for back end development.

Technologies and Languages

JavaScript, HTML, CSS, SCSS, React, JQuery, C#, Node.js, Java, Python, SQL, Azure DevOps, Git, Sitecore