

# Eric Cho

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## Education

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### 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

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### Associate Technical Consultant | Perficient

May 2020 - Dec 2021

- Used JQuery, React, SCSS, and Sitecore for multiple clients to implement 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

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### Image Editor API / Web App | React, Node.js, JavaScript, Jimp Library, SCSS, Heroku

- A full stack web app that generates edited images, pixel art, color palettes, and randomly generated images based on images provided by users.
- Created a separate API on a remote Node.js server that uses the Jimp library for image editing.
- Implemented a responsive UI on React that allows the user to control the image editing process.

### Storefront Template Web App | React, Node.js, JavaScript, SCSS, Heroku

- A full stack web app that uses React to replicate an ecommerce website template, UI, and functionalities.
- Data used throughout the website is generated using Node.js in the back-end.
- Built over 30 unique design combinations and visual themes that can be applied to each component template.

### Cryptocurrency Chart Web App | React, Node.js, JavaScript, TradingView Library, SCSS, Heroku

- A full stack data visualization project that uses React and Node.js to show a live feed of cryptocurrency prices.
- Retrieved live and historical JSON data of over 200 cryptocurrencies and the general market from 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.

### 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.

### Movie Theater Web App | JavaScript, Java Servlet, SQL

- Developed a full stack web application as a team of two 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

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