

David Herszenhaut

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Education

Georgia Institute of Technology, Atlanta, Georgia

August 2014–December 2019

- Bachelor of Science in Computer Science, Major GPA: 3.74

Experience

Automated Logic, Software Engineer

September 2021–Present

Zuora, Software Engineer

March 2020–September 2021

- Implemented line item payment processing for payment gateways to reduce credit card interchange fees
- Built integrations for alternative payment methods for payment service providers using Apache Velocity and REST APIs
- Created automated test plans to catch errors in development and prevent regressions in production
- Wrote technical specification documents with the support of product management
- Collaborated with customer support to diagnose and resolve customer issues in a timely manner

Anodot, Software Developer Intern

June 2019–August 2019

- Developed new pages in existing React application to improve administrator workflow
- Improved user productivity by creating new API calls using Node.js and Redux
- Created Highcharts graphs to display live contract usage information in a convenient format

Georgia Tech Research Institute, Student Researcher

March 2018–July 2018

- Built a Django web application to demonstrate blockchain application's proof of concept
- Assisted with research detailing the potential use of blockchain technology in healthcare
- Contributed to white paper discussing blockchain architecture and consensus protocols

Projects

rollgraph

Summer 2021

A website to display data visualizations based on simulated dice rolls

[demo](#), [code](#)

- Developed a single-page application using TypeScript, React, and D3.js
- Integrated GitHub Actions to verify pull requests with Jest, ESLint, and Prettier
- Set up a workflow to automatically deploy newly merged code to the live demo

SmarTrek

Summer 2020

A web application to show you the safest routes to where you are going

[code](#)

- Created a responsive single-page application using React and React-Bootstrap
- Utilized the NYPD Traffic and Google Maps APIs to gather a list of safe routes and display them on an interactive map

OpenEval

Fall 2018

An anonymous survey application for Georgia Tech professors to gather student feedback

[code](#)

- Designed the front-end interface for the application using Handlebars, HTML5, and CSS3

Dota Data

Summer 2018

Data visualizations based on video game statistics

[demo](#), [code](#)

- Constructed the website and graphics using D3.js, HTML5, and CSS3

Skills

- **Programming Languages:** JavaScript, Java, Python
- **Libraries/Frameworks:** React, Redux, Node.js, D3.js
- **Tools:** Git, Linux (Debian, Ubuntu)
- **Fluent In:** English (Native), Portuguese (Conversational), Spanish (Beginner)