SAMUEL HOLMBERG

Software Engineer

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SUMMARY

Software Engineer with 7 years of experience pursuing a full time front end position in data visualization or creative tooling.

EDUCATION

B.S. in Computer Science
University of Maryland

📅 Aug 2016 – May 2019

- 3.67 GPA, University Honors

SKILLS

React | TypeScript | JavaScript
Jest | Cypress | Selenium

Java | SQL | Lambda | Node.js
Git | Unix | AGILE | Kanban

EXPERIENCE

Astronomer
Front End Engineer

📅 March 2022 – April 2023
📍 Fully Remote

Data Observability

- Implemented data visualization heavy page designs within a collaborative UI team, adding to the UI platform component library, and extending existing shared assets
- Developed a visualized root cause analysis experience to help data engineers find data failures and data delays based on the lineage of their data pipelines
- Integrated customer usage tracking across all Data Observability and Alerting front end pages onto Segment to better understand user journeys through our product
- Established base for the end-to-end testing platform for the Alerting front end using Cypress, utilizing api based setup and teardown of testing assets

React | Typescript | Jest | Cypress | Segment

Amazon.com
Software Development Engineer

📅 June 2019 – March 2022
📍 Seattle, WA

Checkout Delivery Experience

- Major contributor to migration of checkout delivery messaging rendering logic from monolith to a new Java microservice, improving time to market by 80+%
- Developed Non-Prime and mobile user workflows for checkout front end comparison testing framework utilizing Selenium
- A/B testing experimentation on CX changes in delivery promise rendering increasing annual revenue $55M+
- Lead project to connect 3 external team services to automatically diagnose 88% of our team's customer contacts for errors within checkout
- Mentored and onboarded two team members to the operational knowledge required to take on team projects and oncall responsibilities

Java | Spring | Perl | JavaScript | JUnit | Selenium | A/B Testing

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E-PAGA, INC
Software Engineer Consultant

📅 Part Time June 2016 – June 2019
📅 Intern June 2013 – June 2015
📍 Rockville, MD

- Performed full-stack development on government database projects utilizing MVC design pattern
- Developed web-based training courses with a team of engineers, SMEs, and graphic designers for FDA and DHS federal contracts
- Built Java based data processing and automation software to increase courseware migration efficiency exceeding competing contractors to win further contracts
- Ensured accessibility and 508 compliance in alpha and beta review of online courses
- Acted as project technical advisor in meetings with federal clients

Java | JavaScript | HTML5 | SQL | ColdFusion

PROJECTS

Electronics Integrated Sculpture Art

- 3D modeling, PCB designs, lighting data visualization, personal web apps, and other creative endeavours available on my art blog: https://sam.holmberg.dev