

# Jason Chee

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## EDUCATION

### University of Chicago

Chicago, IL

*Bachelor of Science in Computer Science*; GPA: 3.8

*Expected, June 2023*

**Coursework:** Computer Networks, Database Systems, Robotics, Computer Security, Computer Systems, Algorithms, HCI

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, TypeScript, Java, C, C#, HTML/CSS, R, Rust, Ruby

**Libraries/Software:** ReactJS, Highcharts, DynamoDB, NumPy, React Native, Bootstrap, Node.JS, LaTeX

## EXPERIENCE

### Microsoft, Redmond, WA

June 2022 – Present

#### *Software Engineer Intern*

- Designed and developed new *Telemetry Insights* dashboards that incorporate visual and tabular views of telemetry data on Visual Studio
- Enabled 200+ engineers to triage, investigate and fix critical performance and reliability issues in Visual Studio and related applications
- Implemented C# backend APIs in ASP.NET powered by Kusto queries to aggregate telemetry data for end-users
- Created UI to display new dashboards utilizing React/Redux, TypeScript, and Highcharts

### Amazon, Seattle, WA

June – September 2021

#### *Software Engineer Intern*

- Designed and developed dashboard pages that display service metrics to track operational health across Amazon Prime Video in a full-stack development role
- Reduced the monthly man hours of manually maintaining the service health metrics by at least 30 hours through automating the collection, storage, and display of these metrics
- Created data puller service (AWS DJS) to collect, aggregate and store metric data
- Implemented APIs and DynamoDB datastores in Java and Ruby to retrieve and store data
- Created UI to display metric dashboards utilizing ReactJS and JavaScript

### UChicago AIRLab, Chicago, IL

June 2020 – June 2021

#### *Research Assistant*

- Designed, developed, and published cross-platform WhatsApp URL and metadata extractor app using JavaScript and React Native
- Implemented features that allow users to edit extracted data and share with research team
- Created responsive UX with collapsible views to make a native UI experience

## PROJECTS

### Swappable Sentences

May 2021

- Developed a Google-docs add-on in team of four utilizing JavaScript that allows users to create alternative sentence options and swap them
- Won People's Choice Award in UChicago's Spring Tech Showcase