

# Warren Partridge

<https://warrenpartridge.me/>

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## Skills and Technologies

**Languages:** Go, Java, JavaScript, TypeScript, C, C++, Python, PHP, Swift  
**Frameworks:** Node, React, Spring, React Native, jQuery  
**Other:** Git, Unix, SQL, Google Cloud, Firebase, MongoDB, MVC, DevOps, Jenkins, Agile

## Education

**Boston University, BA in Computer Science & Minor in Philosophy** Boston, MA  
• GPA 3.74/4, Dean's List (6/6 semesters), Upsilon Pi Epsilon Honors Society 9/16 – 5/20

## Professional Experience

**Google** Sunnyvale, CA  
*Site Reliability Engineer* 9/20 – present  
Working on Cloud SQL, running MySQL and PostgreSQL at scale for Google Cloud customers.

**Google** Sunnyvale, CA  
*Site Reliability Engineering Intern* 9/19 – 12/19  
Worked on the F1 database for Google Core, developing a tool to automatically diagnose degraded service.  
• Designed system of asynchronous checks to identify and report irregular signals deemed related to F1 DB.  
• Wrote algorithms to efficiently parse such signals using Go and server-streaming protocol buffers.  
• Reduced emergency response time for SREs by between 1 minute and 6 hours (minimum and rare cases).

**Intuit** Mountain View, CA  
*Software Engineering Intern* 5/19 – 8/19  
Worked on Intuit AppConnect, developing new role management tool for 3<sup>rd</sup>-party QuickBooks app developers.  
• Tool allows developers of 500+ apps to manage their own team roles instead of needing to contact Intuit.  
• Used Java + Spring Framework, React, and SQL.

**Ocubrowse | [ocubrowse.com](http://ocubrowse.com)** Cambridge, MA  
*Founder* 1/19 – 8/19  
Took semester off to launch a startup. Adapted ML research to visualize site engagement using eye-tracking.  
• Prototype won \$1000 grant from Innovate@BU and was accepted to 2 accelerators.

**Wayfair** Boston, MA  
*Software Engineering Intern* 6/18 – 8/18  
Worked on Wayfair B2B, developing web features to serve a new customer group using React, PHP, and SQL.  
• Also built mobile app at company hackathon that optimizes NP-hard bin-packing algorithm for truck loading.

## Other Experience

**BostonHacks, Tech Organizer** Boston, MA  
Boston University's hackathon; 510 hackers in November 2019. 9/16 – present  
• Designed puzzles in 2019. Built registration site in 2018 with >2000 users. Set up all 8 workshops in 2017.

**HackBeanpot, Web Infrastructure Organizer** Boston, MA  
Independently-run Boston hackathon; 222 hackers in February 2019. 4/18 – present  
• Set up registration, judging, and main site infrastructure. Developed CI/CD pipeline for multi-page React site.

**The Global App Initiative, Elected President** Boston, MA  
Reorganized club of 40+ members with mission to develop apps pro bono for nonprofits. 9/16 – 1/19  
• Rebranded. Grew e-board (5 -> 9). Grew # mentors (3 -> 6) via negotiating school funding for grad students.

## Recent Award-Winning Projects – full list at <https://warrenpartridge.me/>

<b>1<sup>st</sup> place, Twitchcon Hackathon</b>	Voice assistant for video streams.	9/19
<b>2<sup>nd</sup> place, HackRPI</b>	Browser extension for ad demographic privacy.	3/19
<b>1<sup>st</sup> place, Hack the Heights</b>	Website demonstrating data privacy.	4/18