Sam Shadwell

Software Engineer

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Work Experience

Aug. 2019 – Present **Airbnb**, *Full-Stack Software Engineer*, Seattle, WA.
Engineer on Self-Solve Team in Support Products. Helping customers solve their questions about Airbnb before resorting to talking with a support agent.

Aug. 2017– Aug. 2019 **Airbnb**, *Backend Software Engineer*, Seattle, WA.
Engineer on Messaging Team in Infrastructure. Modernizing the Airbnb messaging experience in order to bring real-time messaging and rich message content to each of Airbnb's business verticals.

Aug. 2014– Dec. 2016 **Undergraduate Teaching Assistant**, *Rice CS Department*, Houston, TX.
Aided in the instruction of Rice University Computer Science courses. Responsibilities ranged based upon the course, but included grading assignments, holding office hours, and facilitating in-class discussions.

Summer 2016 **Google Inc.**, *Software Engineer Intern*, Pittsburgh, PA.
As a member of Google Shopping, designed and implemented an algorithm which improves the process by which product families are grouped together.

Summer 2015 **Epic Systems Corporation**, *Software Developer Intern*, Madison, WI.
Developed the front- and back-end of a medical record search in a patient-facing web portal.

Summer 2014 **Oak Ridge National Laboratory**, *Computational Sciences Summer Intern*, Oak Ridge, TN.
Studied the impact of the Community Earth System Model on the shared file system at the Oak Ridge Computing Facility in order to better understand the impact of complex simulation workflows on the supercomputing ecosystem.

Summer 2013 **Oak Ridge National Laboratory**, *Computational Sciences Summer Intern*, Oak Ridge, TN.
Wrote machine-diagnostic application in Nvidia CUDA and MPI to help identify failing compute nodes in the Oak Ridge supercomputers.

Technologies

Production: Java, Ruby (on Rails), Javascript, Typescript, React

Coursework: C, Python, Scala, Standard ML, C#, C++

Education

2013–2017 **Bachelor of Science in Computer Science**, *Rice University*, *GPA – 4.00 / 4.33*.

Honors

Magna Cum Laude • Phi Beta Kappa • Tau Beta Pi

Capstone Coursework

Parallel Computing • Functional Programming • Tools & Models of Data Science • Software Engineering Methodology