

# Sam Shadwell

## Software Engineer

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## Work Experience

- Aug. 2019 – **Airbnb**, *Full-Stack Software Engineer*, Seattle, WA.  
Present Engineer on Self-Solve Team in Support Products. Helping customers solve their questions about Airbnb independently before they resort to talking with a support agent.
- Aug. 2017 – **Airbnb**, *Backend Software Engineer*, Seattle, WA.  
Aug. 2019 Engineer on Messaging Team in Infrastructure. Worked on 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 – **Undergraduate Teaching Assistant**, *Rice CS Department*, Houston, TX.  
Dec. 2016 Aided in the instruction of Rice University Computer Science courses. Responsibilities included grading assignments, holding office hours, and facilitating in-class discussions.
- Summer 2016 **Google Inc.**, *Software Engineer Intern*, Pittsburgh, PA.  
Engineering intern on 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 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 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