

Samuel Shadwell

Rice University Computer Science, Class of 2017

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Work Experience

- Summer 2016 **Software Engineer Intern**, *Google Inc.*, Pittsburgh, PA.
Ongoing, working on the Google Shopping team to improve the process by which product families are grouped together.
- Summer 2015 **Software Developer Intern**, *Epic Systems Corporation*, Madison, WI.
Developed the front and back-end of a medical record search in a patient-facing web portal using C#, JavaScript, HTML, and CSS.
- Aug. 2014–
Dec. 2015 **Undergraduate Teaching Assistant**, *Rice CS Department*, Houston, TX.
Aid in the instruction of Rice University Computer Science courses. Responsibilities range based upon the course, but include grading assignments, holding office hours, and facilitating in-class discussions.
- Aug. 2014–
Present **Student Computing Consultant**, *Rice IT Help Desk*, Houston, TX.
Help students and faculty resolve issues with their personal computers, as well as Rice accounts and software. Promoted to Lead in Fall 2015.
- Summer 2014 **Computational Sciences Summer Intern**, *Oak Ridge National Laboratory*, 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 super-computing ecosystem.
- Summer 2013 **Computational Sciences Summer Intern**, *Oak Ridge National Laboratory*, Oak Ridge, TN.
Wrote machine-diagnostic application in Nvidia CUDA and MPI to help identify failing compute nodes in the Oak Ridge supercomputers.

Education and Technical Proficiency

- 2013–2017 **Bachelor of Science in Computer Science**, *Rice University*, GPA – 3.99.
Relevant Coursework
- Fall 2016 Tool & Models of Data Science • Data Mining & Statistical Machine Learning • Mathematical Probability 1 (Graduate) • Compiler Construction • Functional Programming
- Completed Operating Systems & Concurrent Programming • Automata, Formal Languages, and Computability (Graduate) • Introduction to Computer Security • Advanced Object-Oriented Program Design • Advanced Reasoning About Algorithms • Fundamentals of Parallel Programming • Fundamentals of Computer Engineering
- Languages
Java, C, Python, JavaScript, C++, C#

Leadership Positions

Rice University Computer Science Club.

Internal Vice President (2016 - Present), CS Speaks Committee Member (2015 - Present)

Rice University IT Help Desk.

Student Computing Consultant Lead (2015 - present)

Rice Recreation Center.

Club Sports Committee Member (2015 - present)

Rice University Rowing Club.

President (2015 - 2016), Captain (2014), Treasurer (2013)