

Samuel Shadwell

Rice University Computer Science, Class of 2017

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Education and Technical Proficiency

2013–2017 **Bachelor of Science in Computer Science**, Rice University, GPA – 3.98 / 4.00.

Relevant Coursework

Completed Tools & Models of Data Science • Compiler Construction • Automata, Formal Languages, and Computability (Graduate) • Operating Systems & Concurrent Programming • Advanced Reasoning About Algorithms • Fundamentals of Parallel Programming

Languages

Java, C, Python, JavaScript, C++

Relevant Work Experience

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 using C#, JavaScript, HTML, and CSS.

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 super-computing 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.

Work Experience

Aug. 2014–**Undergraduate Teaching Assistant**, Rice CS Department, Houston, TX.

Present 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–**Student Computing Consultant**, Rice IT Help Desk, Houston, TX.

Present Help students and faculty resolve issues with their personal computers, as well as Rice accounts and software. Promoted to Lead in Fall 2015.

Leadership Positions

Rice University Computer Science Club.

President (2016 - Present), Internal Vice President (2016), 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)