

Samuel Shadwell

Rice University Computer Science, Class of 2017

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Education

2013–2017 **Bachelor of Science in Computer Science**, *Rice University*, GPA – 3.99.

Technical Proficiency

Relevant Coursework

Ongoing Advanced Object-Oriented Programming • Reasoning About Algorithms

Completed Introduction to Computer Systems • Fundamentals of Parallel Programming • Elements of Knot Theory • Matrix Analysis • Introduction to Program Design • Fundamentals of Computer Engineering • Introduction to Engineering Design

Languages

Java, Python, C#, C, JavaScript, CSS3, HTML5, FORTRAN 95

Work Experience

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– **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.

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.

Research Experience

Summer 2014 **Oak Ridge National Laboratory**.

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.

Leadership Positions

Rice University Rowing Club.

President (present), Captain (2014), Treasurer (2013)

Rice University IT Help Desk.

Student Computing Consultant Lead (present)

Rice Recreation Center.

Club Sports Committee Member (present)