

Chris Shoemaker

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EDUCATION

Carleton College

Northfield, Minnesota

- Bachelor of Arts in Computer Science, expected June 2017.
- Related Coursework: Algorithms, Software Design, Programming Language Implementation and Design, Audio Programming.

WORK EXPERIENCE

Software Engineer Intern

June 2016 – September 2016

AuSIM Incorporated

Mountain View, California

- Implemented a C++ console application to test the operation of an Arduino-powered measuring gantry.
- Assembled and tested hardware for clients in military research and VR development.
- Participated in reviews on Arduino and C++ code developed by fellow interns.

Assistant Hardware Asset Manager

September 2014 – Present

Carleton College Information Technology Services

Northfield, Minnesota

- Handle returns of 50 or more computing assets used by Carleton faculty, staff, and students per week for redeployment or disposal.
- Customize and deploy up to 30 laptops and workstations for Carleton faculty and staff per month.
- Triage and coordinate replacements of defective or broken hardware with Apple, Dell, and Lenovo.

Math, Geography and Reading Tutor

September 2013 – March 2014

Northfield Reads and Counts

Northfield, Minnesota

- Tutored in algebra and geography to classes of up to 30 middle school students.
- Developed lesson plans to assist the development of reading skills in elementary school students.

TECH PROJECTS

Prairie: Interactive Historical Experiences Framework (C#)

September 2016 – Present

- Senior thesis group project for the Computer Science major at Carleton College.
- Collaboratively develop a scripting library enabling non-programmers to easily create interactive historical adventure games through Unity.
- Design and test interaction and event systems together with exported data from Twine.

LEADERSHIP EXPERIENCE

Outreach Coordinator

January 2015 – Present

Carleton College Mixed-Race Student Association (MIXED)

- Promote a community for mixed-race students at Carleton through social media and event planning.
- Participate in weekly meetings to discuss topics on mixed race identity and awareness.

Vice President & Member

September 2014 – Present

Carleton College Acapella Cello Ensemble (Just Cellin')

- Compose arrangements of popular music for 10 or more cellos.
- Promote and perform concerts at numerous venues at Carleton, drawing audiences of at least 50 people per event.

SKILLS

Technical

- *Strong:* Python, Java, LaTeX, Git
- *Familiar:* C++, C#, HTML/CSS, Qt, Unity

Foreign Languages

- French (working proficiency), German (elementary proficiency)