Chris Shoemaker

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EDUCATION

Carleton College   Northfield, Minnesota
- Bachelor of Arts in Computer Science, expected June 2017.
- *Cumulative GPA*: 3.44.
- *Related Coursework*: Algorithms, Software Design, Programming Language Implementation and Design, Audio Programming, Computer Security.

WORK EXPERIENCE

Assistant Hardware Asset Manager   September 2014 – Present
Carleton College Information Technology Services   Northfield, Minnesota
- Customize and deploy up to 30 laptops and workstations per month for Carleton faculty and staff.
- Handle returns of 50 or more computing assets used by Carleton faculty, staff, and students per week for system updates, later reuse, or disposal.
- Triage and coordinate replacements of defective or broken hardware with Apple, Dell, and Lenovo.

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 audio perception hardware for clients in military research and VR development.
- Led and participated in reviews on Arduino and C++ code developed by fellow interns.

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.
- Created lesson plans to develop reading skills in groups of 4 to 5 elementary school students.

TECH PROJECTS

Prairie: A Framework for Interactive Historical Experiences (C#), [github.com/DigitalCarleton/Prairie]
- Collaboratively develop a scripting library and associated documentation enabling non-programmers to easily create interactive historical adventure games with Unity.
- Design and test game interaction and event systems together with exported data from Twine.

MIDI Looper (C++, Qt)
- Interface for the recording and playback of MIDI tracks using common MIDI input devices together with RtMidi, a C++ API for real-time MIDI input and output.

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

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

Foreign Languages
- French (advanced proficiency), German (working proficiency), Latin, Ancient Greek.