Aaron Silber

(802) 318-4155 or aaron@aaronsilber.me
https://aaronsilber.me/

Software Developer

- Junior software developer with full-stack proficiency, able to produce quality work across numerous technologies including embedded systems development
- Self-taught, focused, and productive member of development teams

Technical Toolbox

Languages:	Proficient with JavaScript (and NodeJS), Python, PHP, SQL, HTML/XML, CSS, and always learning more.
Specialties:	Always comfortable with Linux, a practical understanding of relational databases, deep experience auditing and securing systems at any scale.
Versatility:	Quickly adaptable to changing environments and needs, picks up new skills quickly and easily through self-teaching.

Education

ROCK POINT SCHOOL — Burlington, VT (September 2012 – June 2014)

Field Experience

CORNELL UNIVERSITY CREATIVE MACHINES LAB – Ithaca, NY
Research Volunteer, 2013-2014

Designed and carried out tests for robotic performance to illustrate the importance of a robot's "feet."

- Designed optical motion tracking software in Java, based on OpenCV
- Created and ran a computer analysis on captured motion data to quantify each test's results
- Re-structured robot firmware to better suit the testing needs and accelerate workflow

BLU-BIN 3D PRINTING SHOP – Burlington, VT
Intern, 2013-2014

Performed mechanical maintenance and embedded systems troubleshooting, with some web development and systems administration

- Managed troubleshooting process of control board firmware and the computer front-ends to communicate with them
- Collaborated with individuals and companies to develop 3D models to their specifications, and coordinate their production in-house
- Re-designed website layout and introduced metrics to gain insight into site performance
- Assisted running Blu-Bin's booth at last year's Vermont Tech Jam, engaging guests with all levels of technical experience