

Spencer Hance

Local Address: 157 Hemenway St #72 – Boston – MA – 02115

Permanent Address: 156 Minuteman Road – Ridgefield – CT – 06877

☎ (203) 240-8072 • ✉ shance@ece.neu.edu • 🌐 www.shance.me

Availability: January-August 2016

Education

- **Northeastern University** **Boston, MA**
May 2019
 - *Bachelor of Science, Computer Engineering*
 - IEEE Student Chapter: SAC Representative
 - Beta Gamma Epsilon Engineering Fraternity
 - *Relevant Coursework*
 - Embedded Design (C), Diff-Eq & LinAlg, Circuits & Signals, Physics 1+2, Engineering Problem Solving and Computation (MATLAB, C++), Engineering Design (AutoCAD, SolidWorks)
- **Ridgefield High School** **Ridgefield, CT**
June 2014
 - *AP Scholar with Distinction*
 - Boy Scouts of America: Life Scout
 - Badminton Club: President (2012-2014)
 - Western CT Youth Orchestra: Principal Second-Violin

Experience

- **NU Computer Architecture Research Group** **Boston, MA**
October 2014 – Present
 - *Undergraduate Researcher*
 - Analyzed memory traffic and instruction execution on multiple architectures
 - Actively contributed to multi2sim architecture simulator
 - Implemented a variety of unit tests using Google Test
 - Optimized HPC Repast application for Student Cluster Competition '15
- **NU ResNet Resource Center** **Boston, MA**
October 2014 – Present
 - *Computer Technician (CompTIA A+ Certified)*
 - Performed software repairs on student devices
 - Worked on 20-30 different Windows and OSX systems per week
 - Collaborated with other technicians to create a seamless repair
- **Ridgefield Tiger Tech** **Ridgefield, CT**
May 2012 – August 2014
 - *COO/Head Technician*
 - Ran a successful technology repair business with a satisfied customer base
 - Gained close to 300 customers and billed over \$50k
 - Responded to all customer inquiries while providing excellent customer service
 - Repaired a wide variety of computer systems and mobile devices
 - Worked on 10-15 different systems per week

Technical Skills

- **Languages:** Python (Matplotlib, NumPy, SQLite3), C(++)(semi-proficient), Bash, OpenCL(semi-proficient), MATLAB, LaTeX
- **Software:** Linux, Windows, OSX, Vim, Git, Google Test, SVN, Eclipse, HP Helion, AutoCAD, SolidWorks, PSpice
- **Hardware:** CPU/ AMD-GPU architecture (semi-proficient), ZedBoard

References available upon request