

Charles Connell

Availability:
Jan. 2012 – June 2012

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Address:
12 Gould Rd
Bedford, MA 01730

Education

Northeastern University, Boston, MA *Sept. 2009 – present*

College of Computer and Information Science

- Candidate for a Bachelor of Science in Computer Science, May 2014
- Related courses: Fundamentals of Computer Science 1 & 2, Discrete Mathematics, Logic and Computation, Object Oriented Programming, Theory of Computation, Computer Architecture
- Current GPA: 3.9 / 4.0
- Honors: Dean's List, Golden Key International Honour Society

Bedford High School, Bedford, MA *Sept. 2005 – June 2009*

- Related courses: C, Java, x86 assembly
- Taught C++ graphical user interface programming to other students
- Captain of school's FIRST Robotics team
Designed and programmed robots for two years, advanced to world championships both years

Computer Knowledge

Languages: C, C++, Java, Python, Scheme, x86 assembly, MIPS assembly, MATLAB

Web languages: XHTML, CSS, Javascript

Frameworks: Android, Qt, Django

Tools: Unix command line, Subversion, Git, VMware

Work Experience

Software Developer Co-op, Raytheon BBN Technologies, Cambridge, MA *Jan. 2011 – June 2011*

- Responsible for Android application interfacing with sensor network
Dealt with network protocols and multi-threading
- Worked on embedded Linux system for sensor network hardware

Technical Intern, The MITRE Corporation, Bedford, MA *June 2009 – Aug. 2010*

- Designed and developed computer-based solutions for a team of electrical engineers
- Created a model of an aircraft part with a laser tracker, used MATLAB to manipulate collected data
- Used Python to develop a tool to create basic 3D shape files for electromagnetic analysis

Castle Defense *Feb. 2009 – June 2009*

- Developed the iPhone game *Castle Defense*, currently on sale in the App Store

KDE Project *July 2007 – Aug. 2008*

- Used C++ with Qt and KDE framework
- Implemented public/private key cryptography system for instant messaging

Publications

“Installing Notes on RedHat Linux / CentOS” *SearchDomino.com, July 2007*

“Installing Domino 7 on SUSE Linux Enterprise Server 10” *SearchDomino.com, July 2007*

“Testing a New Kernel While Keeping the Old One” *SearchEnterpriseLinux.com, July 2006*

Special Interests

Played piano 8 years, Life Scout

References available upon request