

CJ Fogel

Campus

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Permanent

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Education

Franklin W. Olin College of Engineering – Needham, MA

Candidate for Bachelors of Science in Engineering, concentration in Computing

September 2011 –

GPA: 2.73

- Received 4-year, 50% Olin Merit Scholarship
- Relevant Courses: Modeling and Simulation of the Physical World, Modeling and Control, Software Design, Real World Measurements, Software Systems, Principles of Engineering, Linearity 2, Bayesian Inference, EE Prototyping*, Programming Language Design and Implementation* (* currently enrolled)

Norwalk Community College – Norwalk, CT

High School Partnership Program

September 2008 – August 2011

GPA: 3.65

- Completed 41 Credits, Dean's List Spring 2009 – Summer 2011, Member of Phi Theta Kappa (International Honor Society)
- Relevant Courses: Calculus II, Intro to Programming, General Physics II, Statistics, Networking I

Winston Preparatory School – Norwalk, CT

September 2007 – June 2011

- Dean's List Fall 2009 – Spring 2011, Math Achievement Award 2009, Science Merit Award 2010, NCC High School Partnership Award 2010 – 2011, Deans' Award for Scholastic Achievement 2011, National Merit Commended Scholar

Skills

- Software: Microsoft Word, Excel, PowerPoint, Adobe Photoshop, SolidWorks, MatLab, Cisco Networking, Computer Repair
- Machine Shop: Basic machine shop proficiency
- Programming Languages: C, Python, Java, C++, PHP, Visual Basic
- Experience using microcontrollers integrated with analog circuits
- Circuit analysis

Course Projects, Olin College – Needham MA

September 2011 –

- Created a social networking site for current and past students using Python and Django
 - Made a student directory website, designed databases, wrote framework code, created a frontend
- Designed and built a theremin
 - Made circuits to vary pitch and volume based off of capacitance of human hand
- Wrote an operating system for a Game Boy Advance
 - Created an operating system from scratch in C with memory management, a threader, a scheduler, and a basic GUI, and learned about the architecture of a Game Boy Advance
- Designed and built a haptic compass belt
 - Designed mechanical system, wrote code in C and Python to integrate a GPS chip and vibration motors with Google Maps