

Cameron Tenny

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Objective

MIT Master's student enjoying compilers, programming language design, program analysis, and operating system design searching for positions offering similar challenges.

Education

- **Massachusetts Institute of Technology** - Computer Science (M.Eng.) *2014*
 - Relevant coursework: **6.858** - Computer Systems Security (G), **6.945** - Large Scale Symbolic Systems (G)
- **Massachusetts Institute of Technology** - Computer Science (B.S.) - **4.6/5.0** *2013*
 - Relevant coursework: **6.828** - Operating System Engineering (G), **6.823** - Computer System Architecture (G), **6.S186** - MASlab (Robotics competition), **6.172** - Performance Engineering of Software Systems, **6.035** - Computer Language Engineering

Experience

- **Microsoft** - Intern - Midori Project *Summer 2013*
 - Implemented code pattern recognition for vectorization and superword level parallelism.
- **6.035 - Computer Language Engineering** - Teaching Assistant *Spring 2013*
- **6.828 - Operating Systems Engineering (G)** - Teaching Assistant *Fall 2012*
- **MIT CSAIL, Parallel and Distributed OS Group** - UROP *Summer 2012*
- **VMWare** - Intern - Site Recovery Manager *Summer 2011*
- **Heartland Robotics** - Intern *Jan. 2011*
- **Microsoft Corporation** - Intern - App-V *Summer 2010*
 - Researched, designed, and developed predictive application streaming system in C++.
- **MIT Hover Research Group** - UROP *Summer 2009*
 - Software for sampling laser rangefinder and interfacing with the TI msp430 bootloader.
- **MIT Edgerton Center** - Engineering Design and Robotics TA *Summer 2008*

Projects

- **Taint Tracking through Negative Control Flow** - 6.945 final project *Spring 2014*
- **“Decaf” Language Compiler** - 6.035 final project, third place in class *Spring 2012*
- **Parallel malloc** - 6.172 project, second place in class *Fall 2011*
- **Exokernel OS Disk Paging From Userspace** - 6.828 final project *Dec. 2010*
- **Apple Cocoa Camp 2010** - One week college developer program for iOS. *Aug. 2010*
- **MIT “BWD” Scooter** - <http://web.mit.edu/first/scooter/> *Summer 2009*
- **MIT Cap Kart Project** - <http://web.mit.edu/first/kart/> *Summer 2008*
 - Developed innovative series ultracapacitor-based regenerative braking system.
 - Paper awarded “Best Student Paper on Ecological Vehicles” at EVER Monaco 2009.
- **MIT DIY Segway** - <http://web.mit.edu/first/segway/> *Summer 2007*
- **FIRST Robotics** - Teams 97, 2349 (founder) *2007 - 2009*

Skills

- **Languages:** C, C++, Java, Lisp, Objective-C, Python, Scala, Scheme, x86 assembly