

Dmitrij Petters

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EDUCATION

Massachusetts Institute of Technology: GPA 5.0/5.0
Bachelor of Science in Computer Science/Electrical Engineering & Mathematics

Cambridge, MA
Sep 2009 - May 2013

- SAT: 2150 SAT Math II: 800 SAT Physic: 800 ACT: 33
- Awards: Parsons Brinkerhoff National Scholarship, Sparling Company Scholarship and Bellevue Rotary Club Scholarship Recipient
- Relevant Coursework: Software Construction, Digital Communication Systems, Intro to Algorithms, Diff Equations, Microeconomics

Bellevue College: GPA 3.98/4.0 (supplemented high school curriculum)
Associate Engineering Transfer: Track 2 with High Distinction

Bellevue, WA
Sep 2007 - Jun 2009

- AP Scholar with Honors, 3 time AIME participant

WORK EXPERIENCE

Thomson Reuters
Software Development Intern

Eagan, MN
Jun 2010 - Aug 2010

- Worked as team member of the website vertical - fixed high priority bugs, developed new features, attended design/planning meetings
- Developed a data-mining script that used a state machine to extract pertinent info from tens of thousands of 50MB+ logs
- Added a new, automated entry point into flagship product WestlawNext with check for Akamai & pinging of other servers
- Crafted a set of interactive JavaScript widgets with custom form validation as well as a jQuery plug-in for e-mail text areas

RBM Technologies
Software Engineer Intern

Cambridge, MA
Jan 2010 - Feb 2010

- Developed the Ruby on Rails Mobile Visual Merchandising Manager app to allow retail workers to take digital pictures of fixtures and upload them as textures onto their respective floor plan 3D models
- Programmed an automated RML based report using the RML2PDF conversion library which summarized nation-wide advertising campaigns for cellular firms such as Verizon, AT&T and T-Mobile

MIT AgeLab
Undergraduate Researcher

Cambridge, MA
Oct 2009 - May 2010

- Combined Python, PIL and ffmpeg to produce a video overlay that showed the exact spot in a simulation video at which a subject was looking at any given moment. Skewed gaze data had to be translated before use
- Researched the possibility of a heads up display projected on the windshield of a laboratory car, which, using the FaceLab gaze tracking system and data correction algorithms would allow a user to make selections visually

ACTIVITIES/LEADERSHIP

SBC (Sloan Business Club)
Entrepreneurship Project Development Leader

Cambridge, MA
Feb 2010 - Present

- Lead developer of SBConnect, a Django web app designed to connect employers with the MIT student body
 - Features jQuery UI, Xapian C++ search-engine, AJAX student filtering, and a shopping cart mechanism for resume book creation
 - Student profiles have real-time model indexing that works with the parsed and stemmed keywords extracted from the resumes
 - Four person team, collaborating using Trac & SVN, developing in Ubuntu using Eclipse with PyDev and Aptana

Four Consulting
Client Development Team Lead

Cambridge, MA
Nov 2009 - Oct 2010

- Furthered the club's influence and the impact our work makes on non-student run organizations; worked on internal development case

MIT / BHS Outdoor and Indoor Track and Field and Cross Country
Varsity Runner

Cambridge, MA
Aug 2005 - May 2010

- 9:33 2 mile; 4:32 1 mile; Led BHS team to a 3rd place state finish, an improvement from previous 14th place finish

SKILLS AND INTERESTS

- Technical – Java, Python, Django, LaTeX, JavaScript, jQuery, CSS and brief familiarity with C++ and Ruby on Rails
- Languages – Fluent in Russian
- Interests – TED talks, street hockey, and entrepreneurship