

Brandon Drumheller

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Education:

Rensselaer Polytechnic Institute (RPI), Troy NY

Expected Graduation: December 2016

Bachelor of Science in Computer Science & Mathematics (Dual)

Cumulative GPA: 4.00 / 4.00

Related Coursework:

Data Structures • Database Systems • Operating Systems • Intro to Algorithms • Network Programming
Cryptography and Network Security I • Software Design and Documentation • Programming Languages

Professional Experience:

Harvard Management Company, Boston, MA

Summer 2015

Application Development Intern

Designed and implemented features for a web-based C# application used to manage market data.

Rensselaer Polytechnic Institute, Troy, NY

Fall 2014–2015

Undergraduate Programming Mentor — CSCI 1100; CSCI 2300; CSCI 2600

Assisted students with design, analysis, and implementation of algorithms in Python, Java, and C++.

Metamorphic Petrology Database (MetPetDB), Troy, NY

2015

Implemented a bulk-upload tool in Django, allowing multiple chemical-analyses and samples uploads.

Leadership Experience:

Vice President: Japanese Cultural Association

2015-2016

Organized workshops and presentations to promote the awareness of Japanese culture on campus.

Vice President/Webmaster: Hong Kong Students Association

2015-2016

Maintained club website for HKSA, an organization dedicated to promoting Hong Kong culture at RPI:
hksa.union.rpi.edu

Member: Circle K (Community Service Organization)

2013-2014

Engaged in activities for the betterment of the Troy, NY community. Participated activities include: preparing and serving food to homeless people at Joseph's House & Shelter in Troy, NY; clearing park walking trails; working with geriatric patients at the Samaritan Hospital Senior Center.

Awards:

Best Application of Synaptics Proximity Sensor (Hack MIT): Integrated Pebbles smart watch with Synaptics proximity sensor in an alarm clock application codenamed "Hover Alarm".

Rensselaer Archimedean: Recognizes high-achieving students who have received a cumulative 4.0 GPA.

Technical Skills

Proficient with: C++, Python, C, Java, Windows, Ubuntu, Microsoft Office, Microsoft Visual Studio

Familiar with: SQL, L^AT_EX, HTML5, CSS3, JavaScript, C#

Additional Skills & Involvements:

Night Show Chair for Asian Cultural Union • Elementary proficiency in Japanese