Alison Chan

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Education

Kettering University, Flint, MI   July 2010 to present
Bachelor of Science, Computer Science; Systems and Data Security concentration
Bachelor of Science, Computer Engineering
Minor in Pre-Law
Current Senior III (A-section)
Expected completion date June 2015
GPA 3.58/4.0

Professional Experience

Kettering University, Flint, MI
Department of Computer Science: Research Assistant   March 2013 to December 2013

- Organised lab activities for CS491 High-Speed Networking and Distributed Applications course.
- Skills acquired: Python programming, OpenFlow controller development with Pox; Github usage; experience with GENI infrastructure.

Customer Service and Programs: Student Caller   July 2012 to present

- Invited prospective students to Kettering open house events, and confirmed their registrations for same. Followed up with event attendees by writing postcards.

Livio, Ferndale, MI
Software Engineering Co-op   October 2012 to January 2013

- Developed mobile apps and designed network code for iOS platform. Updated API documentation for clients.
- Skills acquired: Objective-C, iOS, and Bonjour development using Xcode; Git and Bitbucket usage.

New Eagle, Ann Arbor, MI
Software Engineering Co-op   October 2010 to June 2012

- Implemented PC applications to interact with embedded control units. Created embedded display applications. Evaluated prospective products for distribution. Assisted in preparing product marketing materials and documentation.
- Skills acquired: C#, .NET, Windows Forms, WPF, and C programming using Visual Studio; MediaWiki administration; SVN and Trac usage; familiarity with CAN, J1939, J1587, and NMEA2000 vehicle network protocols.

Technical Skills

Experienced in: Document preparation using LATEX; electronic instrumentation (oscilloscopes, function generators, multimeters, etc.); Facebook page and WordPress blog administration; virtualisation software (VirtualBox, OpenVZ).

Familiar in: Java programming, NetBeans IDE; basic automotive maintenance and repair.

Student Organisation Memberships

President, Kettering University Allies
Member, Liberal Studies Student Advisory Board

Professional Organisation Memberships

Member, Association for Computing Machinery
Member, ACM SIGACCESS
Member, MichiCHI
Member, Society for Disability Studies

Honours

Member, Upsilon Pi Epsilon
Pledge of the Computing Professional
Kettering University Dean's List