

Alison Chan

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Objective

To obtain a challenging co-op position related to the fields of computer science or computer engineering, which offers opportunities to apply classroom learning and contribute to business development. Especially interested in research opportunities, computer networking, Linux/UNIX, computational linguistics, and user interfaces.

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 II (A-section)
Expected graduation date June 2015
GPA 3.53/4.0

Professional Experience

Kettering University, Flint, MI March 2013 to present
Research Assistant, Computer Science

- Skills acquired: Python programming, OpenFlow controller development with PoX; experience with GENI infrastructure.

Student Caller July 2012 to present

- Notified admissions applicants of incomplete applications. Confirmed prospective students' registration for recruitment events. Wrote follow-up postcards to recruitment event attendees.

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

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

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

- 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.
- 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.

Technical Skills

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

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

Student Organisation Memberships

Secretary, Kettering University Allies
Tenor, Kettering University Choir
Member, Liberal Studies Student Advisory Board

Professional Organisation Memberships

Student Member, Association for Computing Machinery
Member, MichiCHI
Member, All Hands Active

Honours

Member, Upsilon Pi Epsilon
Pledge of the Computing Professional
Kettering University Dean's List
Kettering University Presidential Merit Scholarship
National Merit Scholar finalist