Alison Chan

PO Box 320426 · Flint, MI 48532 · +1 909 278 7753 · alisonc@alisonc.net

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 3.57/4.0

Professional Experience

Kettering University, Flint, MI
Department of Computer Science: Research Assistant   March 2013 to present
- Organised lab activities for CS491 High-Speed Networking and Distributed Applications course.
- Configured OpenFlow switches for Kettering's Advanced Network Applications Laboratory.
- Developed OpenFlow controller applications and routing algorithms for the Reliable Communications Protocol.

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.
- Maintained client-facing documentation of APIs.

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 internal and external documentation.

Technical Skills

Networking OpenWrt; OpenFlow; TCP/IP; Bonjour
Operating systems Linux (desktop & embedded); Windows; iOS
Hardware platforms x86/x86-64; embedded MIPS; embedded ARM; SPARC
Programming languages Python; shell script; LaTeX; C (desktop & embedded); C#; Objective-C; Java
Electronics Test equipment; soldering
Automotive CAN, J1939, NMEA2000, OBD2; J1587; basic maintenance & repair
Collaboration Git, Github; Trac; SVN; Salesforce
Web technologies MediaWiki; Facebook Pages; Octopress
Frameworks Pox; Windows Forms; WPF
Development environments Visual Studio; NetBeans; Xcode

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 and Awards

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

References available upon request.