Alison Chan

Farmington Hills MI

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Summary

Software engineering generalist with a track record of producing clean code, eliminating technical debt, and digging into complicated problems spanning multiple systems. Seeking a challenging technical track position with opportunities to learn new technologies and tools.

Professional Experience

- **X by 2** Farmington Hills MI
  Software Engineering Consultant *2015 October – 2017 August*
  - **Client engagement: Claims System for Fortune 500 P&C insurer**
  - Reengineered Java EE/Apache Camel/Spring integration code to be more cleanly designed and fault tolerant.
  - Configured Guidewire ClaimCenter front end with vanilla JavaScript and Gosu code.
  - Led design review, code review, and data model discussions.
  - Troubleshooted integration errors, working closely with external vendors and other departments in the client organisation.
  - **Internal consulting project: Applicant Tracking / HR System**
  - Worked with X by 2 principals to determine requirements for a cloud based applicant tracking and HR administration system to replace various home-grown applications.
  - Researched and contacted potential vendors for requirements analysis and demos with stakeholders.

- **Kettering University** Flint MI
  Department of Computer Science : Research Assistant *2013 April – 2015 June*
  - Configured OpenFlow software defined networking switches for Kettering's Laboratory for Advanced Network Applications and developed and tested OpenFlow controller applications.

- **Kettering University** Flint MI
  Department of Customer Service & Programs : Student Caller *2012 July – 2015 September*
  - Invited prospective students to Kettering open house events and followed up with postcards and phone calls after those events.

- **Livio** Ferndale MI
  Software Engineering Co-op *2012 September – 2012 December*
  - Developed iOS apps and backend network code for trade show demonstrations.

- **New Eagle** Ann Arbor MI
  Software Engineering Co-op *2010 October – 2012 June*
  - Created HMI applications for embedded display hardware and PC applications to calibrate electronic control modules.
  - Worked with product managers to evaluate products being considered for distribution.

Education

- **Kettering University** Flint MI
  Coursework completed for dual degree BS Computer Science / BS Computer Engineering *2010 – 2015*
  - Systems and Data Security concentration
  - International Studies minor

Skills

- **Programming languages:** Java; Python; Gosu; JavaScript; LaTeX; C♯
- **Frameworks:** Apache Camel; Spring Web Services; Guidewire ClaimCenter
- **Databases:** MS SQL Server
- **Operating systems:** Linux (desktop & embedded); Windows
- **Networking:** Ubiquiti EdgeOS and UniFi platform; TCP/IP
- **Workflow:** git; GitHub; JIRA; AccuRev; bash script