

Kurn Ma

70 Pacific St. APT 842B, Cambridge, MA 02139 | (775) 232-7391 | kurnma@mit.edu

Education

Massachusetts Institute of Technology

Cambridge, MA

Master of Engineering in Logistics

June 2015 (Expected)

- ◆ GMAT: 740

University of Nevada, Reno

Reno, NV

Master of Science in Mechanical Engineering

December 2007

Bachelor of Science in Mechanical Engineering

December 2004

Professional Experience

International Game Technology

Reno, NV

Product Assurance Engineer

April 2012-July 2014

- ◆ Conducted quality control tests on device firmware and casino management software.
- ◆ Collaborated with vendors to develop solutions to counterfeit bill use in Canada and Europe; led the testing effort of countermeasures developed.
- ◆ Created and implemented a test plan for the deployment of software to proprietary as well as competitor gaming machines.
- ◆ Managed communications with eight vendors to resolve issues field issues and to forecast implementation of firmware updates.

CHC Consulting

Santa Ana, CA

Cell Site Engineer

November 2009-March 2012

- ◆ Designed projects for the installation of fiber-optic cables and terminals in the field.
- ◆ Developed design aids and data analysis tools that reduced project completion time by 20%.
- ◆ Coordinated with clients to adjust designs based on updated field reports and changes in overall project scope.

Pacific Multitech

Monrovia, CA

Reliability Engineer

January 2009-October 2009

- ◆ Led a 3 person team in the development of a failure mode and effects analysis (FMEA) of an aircraft fire extinguishing system.
- ◆ Analyzed client designs to create failure rate projections of mechanical subcomponents.

CHC Consulting

Santa Ana, CA

F2 Engineer

January 2008-December 2008

- ◆ Designed projects that optimized data flow on copper-based networks in order to enable implementation of high speed data services.
- ◆ Selected by management to develop and implement curriculum to train junior engineers on new design practices and software packages.

Additional

- ◆ Member of Nevada Army National Guard from 2000-2008, enlisting as a medic and later became a commissioned officer in the Signal Corps.
- ◆ Technical: LabVIEW, MATLAB, VBA, Access, Tableau.
- ◆ Interests: Poker, fly fishing, Tough Mudder