

Mitchell Lee

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WORK EXPERIENCE

Dev Bootcamp

Apr 2013 – Jun 2013

Student – Chicago, IL

- Participated in a 9 week apprenticeship on steroids focused on developing practical Ruby on Rails knowledge.
- Devoted 90+ hours per week studying Ruby, Rails, JavaScript, jQuery, CSS, HTML and various other frameworks.
- Spent quality one-on-one time every week with career programmers receiving feedback and advice on how to become a better developer.

Stress Analyst

Aug 2011 – Apr 2013

Boeing Defense – Mesa, AZ

- Lead a team of experts to develop and validate repairs of next generation, flight critical components on the AH-64 Apache attack helicopter.
- Supported design groups with high level advice about structural analysis of new parts as well as detailed finite element analysis, where applicable.
- Worked efficiently and smartly to manage several critical projects concurrently and stay within all budgets and timelines.

**Two patents were filed under my name during my two year tenure.*

Quality Assurance Intern

Jun 2010 – Sep 2010

Radio Flyer – Chicago, IL

- Developed well founded and reproducible experiments to accurately compare caster wheels.
- Rapidly prototyped designs using SolidWorks, 3D printers, and a variety of other shop tools.
- Performed detailed reviews of returned samples to determine the root cause of failure.
- Carefully studied regulations and standards to guide or correct the production of new products.

Business Manager

Mar 2010 – Jan 2011

Daily Northwestern – Evanston, IL

- Given complete control over the Advertising Office to turn around sales and raise office morale.
- Oversaw five advertising representatives, collectively managing over 100 local businesses.

Paid Research

May 2009 – Jun 2010

Wing Kam Liu, Northwestern University– Evanston, IL

- Worked on a team of five people to rapidly explore and develop cutting edge technologies at the nanoscale, specifically in the energy generation field.

EDUCATION

Bachelor of Science, Mechanical Engineering (GPA: 4.0/4.0)

Mar 2011

Double Major: Economics

Northwestern University – Evanston, IL

McCormick School of Engineering and Applied Science

Recognition: Dean's Scholar, Dean's List (10 of 10), Summa Cum Laude

SKILLS/INTERESTS

Developer: Ruby, Rails, JavaScript, jQuery, CSS, SQL

Engineer: MATLAB, SolidWorks, NX5, ABAQUS, Patran, Nastran

Five T's: Technology, Travel, Triathlons, Trading, Tutoring