



Education

ME Microelectronic Materials 2009

BS Physics Engineering 2007

- Math heavy curriculum featuring modern physics, electricity and magnetism, mechanics, and solid state physics
- Materials science courses focused on material creation and structure
- Courses designed around utilizing cross-disciplinary skills
- Accepted into PhD program

Programming

- Over two years experience developing Ruby on Rails applications focused on user experience
- Use RESTful design for standardization and easy API creation
- Practice agile development for more efficient production
- Automate repetitive tasks using Ruby, AutoIt, and AppleScript
- Basic knowledge in C++ programming

Design

- Experience using modular HTML & CSS for dynamic web sites
- Cross browser, W3C validated, design
- Bitmap & vector based tools for more design control

Computing

- Strong in the use of all three major operating systems
- Long history of troubleshooting both hardware and software issues

Applications

- Office 2007/8 and iWork
- LaTeX
- LabVIEW
- Mathematica

Skills



Apple Inc Littleton, CO

October 2008-Current

Mac Specialist

- Consistently first or second revenue producer each month as a part-time employee
- Member of the visuals team, charged with maintaining the high visual aesthetic Apple requires

MVSystems Inc. Golden, CO

September 2006-August 2008

Research Intern

- Responsible for characterization and development of nanocrystalline materials for use in microelectronic devices
- Aided in company technical support and helped redesign and deploy set up corporate web site



Friedman, Billings, Ramsey Arlington, VA

Summers 2004-2006

Systems Administration Intern

- Updated company domain to a dynamic and secure user permissions system

Help Desk Engineer

- Provided technical support for a corporate campus of over 700 people
- In charge of upgrading all legacy machines to modern operating systems
- Developed automation software to ensure user policy compliance without help desk intervention

Experience