

MATTHEW GROSS

Local Address:

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Permanent Address:

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OBJECTIVE

Seeking a full time position in software or application development where I may benefit my employer while contributing to an impactful product with a wide customer base. Available Summer 2015.

COMPUTER SKILLS

Operating Systems: Windows 8, 7, Vista, XP, Linux, Mac OSX

Languages & Technologies: C++, C#, C, Java, PHP, HTML, CSS, jQuery/Javascript, MySQL, Python, ASP.NET

Software: MS Visual Studio, Git, EMACS, IIS, VMWare, Adobe Photoshop & Dreamweaver

EDUCATION

Post-Secondary Enrollment Study, **Chemistry**
Red Rocks Community College
(During Senior Year of High School)

Term Length: August – December 2010
Cumulative GPA: 4.0

Bachelor of Science, **Computer Science (Software Engineering)**

Expected Graduation: May 2015
Cumulative GPA: 3.967

International Engineering Certificate (Spanish)
University of Colorado at Boulder
College of Engineering & Applied Science

Relevant Courses:

Operating Systems
Big Data & Rapid Prototyping

Computer Systems & Algorithms
Computer Graphics

PROJECT EXPERIENCE

Computer Graphics – Advanced Design Project

- Using a mixture of OpenGL and SDL, created a hunting game using various objects, textures, and lighting effects. Created an algorithm for accurately determining whether or not a deer was shot, despite its abnormal shape.

Rapid Prototyping Project – Workout Log

- Built a site for team workout logging. Utilized PHP, MySQL, jQuery, and AJAX to create an intuitive and clean user interface that asynchronously queries a set of relational tables to enable logging, team management, and group posting. Source control managed through Git and deployed on-commit to an Azure cloud server.

Repository: <https://github.com/mattkgross/WorkoutLogger>

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Robotics Club, Vice-President, University of Colorado at Boulder

2013

- Organize & run group meetings. Program a variety of robots to perform multiple tasks. Emphasis on quad-copters and an intelligent unit, Baxter.

Spanish Club, University of Colorado at Boulder

2011 – 2013

- Help brainstorm and organize events focused around the Spanish speaking community and culture.

Ultimate Frisbee, Club (Mamabird), University of Colorado at Boulder

2011 – present

WORK EXPERIENCE

***Software Development Engineer Intern*, Microsoft**

Summer 2014

- Working on the OS-Core Team for Windows.

***Software Engineer Intern*, HomeAway, Inc.**

Summer 2013

- Within the development team, worked on HASP (HomeAway Software for Professionals). Generated automated API documentation and interactivity. Also assigned to build integration tests for end systems. Used C#, ASP.NET, WebAPI, & MVC4 in development.

***Software Engineer Intern*, Jeppesen Sanderson, Inc.**

Summer 2012

- Within the Avionics Integration Services group with Jeppesen Professional Services. Worked with off COTS products and provided technical integrations assistance to OEMs, allowing them to integrate with Jeppesen's software applications and data.

***Web Designer*, iDesign Websites (Self-Employed)**

2007 – 2009

- Founder and owner of web design company. Created client page: <http://www.kickinghorsecondominium.com>

HONORS

Valedictorian, 2011 Graduating Class of 450 students, Lakewood High School

Senior Spanish Excellence Award of 2011, Lakewood High School

Engineering Dean's Merit Scholarship, University of Colorado at Boulder, 2011 – 2014

CU Alumni Association Scholarship, University of Colorado at Boulder, 2012 – 2013

Dean's List, University of Colorado at Boulder, Fall Semester 2011 – Fall Semester 2013

National Society of Collegiate Scholars, Spring 2012 – present

LANGUAGES

English (Native Language)

Spanish (Fluent)

ADDITIONAL INFORMATION

LinkedIn: <http://www.linkedin.com/in/mattkgross>

Website: <http://www.mattkgross.com>

GitHub: <https://github.com/mattkgross>