ANDREW GOLDIN

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EDUCATION

Sep 2010 – May 2014
New York, NY

Columbia University, Fu Foundation School of Engineering and Applied Science
Bachelor of Science, Computer Science (Expected May 2014)
- *Overall GPA:* 3.53 / 4.00
- *Term honors:* Dean's List in Spring 2011, Fall 2011, Fall 2012
- *Relevant course work:* Programming and design in Java and C++, data structures and algorithms, user interface design with HTML5 and JavaScript, web programming with CGI and Perl, computer graphics (animation, shaders, lighting/ray tracing), discrete mathematics, calculus, linear algebra
- Project work, courses log, and link to GitHub profile can be found at: www.columbia.edu/~adg2160

SOFTWARE

Op. Systems:	Windows XP/Vista/7/8, Mac OS X, UNIX/Linux, iOS, Android
Microsoft:	Word, Excel, PowerPoint, all Google Drive equivalents
Adobe:	Premiere Pro, Audition, After Effects, Photoshop, InDesign, Acrobat
Apple:	Final Cut Pro, Logic Pro
Autodesk:	Maya, AutoCAD
Programming:	Proficient in Java and C/C++, familiar with HTML/CSS, PHP, JavaScript/jQuery, Python

SKILLS

Audio & Video Production:
- YouTube Partner: Create original video content (primarily music videos) for personal YouTube channel, which generates income through music sales and advertising revenue. Along with other channels containing self-produced content, work has been viewed over 150,000 times and has been featured on the FUSE music network
- Helped produce promotional video content for iD Tech Camps and internalDrive, Inc.

Management, Leadership & Teamwork:
- Project Manager for several teams that worked to develop:
  - A programming language designed for working with MIDI data to compose and create music
  - A cheap and easy food preparation solution for residents of a third-world nation
  - A clean and simple alternative user interface for Yelp.com's "bookmarks" system
- Worked closely with other fellow staff members at iD Tech Camps to create, organize, and run numerous successful group activities for teens and younger children, including gaming tournaments and organized sports
- Donated time to help local nature museum with web site and public programs

Social & Work Ethic:
- Exceptional organizational skills, resourceful, self-disciplined and excellent at meeting deadlines

EXPERIENCE

Sep 2012 – Present
New York, NY

Columbia University
Computer Science Teaching Assistant, Introduction to Computer Science and Programming in Java
- Responsible for running weekly office hours, facilitating review sessions, grading 20-25 written/programming assignments each week and helping professor and fellow TA staff grade exams for a class of ~250 students

Jun – Aug, 2011 – 2013
Garden City, NY
Poughkeepsie, NY

iD Tech Camps
Adelphi University (Summer 2011), Vassar College (Summer 2012, Summer 2013)
Instructor in Java Programming, Video Game Design, and 3D Modeling and Animation with Autodesk Maya
- Taught students ages 9-17 weekly courses in 2D and 3D game design, programming, and 3D modeling
- Devised unique lesson plans optimized for small group instruction and individualized assistance
- Provided overnight supervision and organized group activities for 25-35 students each week
- Collaborated with managers and fellow instructional staff to provide optimal learning experience for students

Jun 2010 – Aug 2010
Newburgh, NY

Goldinson Corporation
AutoCAD, Web Developer
- Assisted with two major projects doing architectural drafting with Autodesk AutoCAD
- Wrote and maintained corporate website for commercial construction company

Jun 2008 – Oct 2009
Newburgh, NY

Adams Fairacre Farms
Grocery Clerk
- Provided customer service in grocery department for a local farm market with a high volume of patronage
- Worked with three managers and five department staff to consistently stock shelves and tabulate inventory