

# ANDREW GOLDIN

andgoldin@gmail.com | andgoldin.github.io

## 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:* 3.30 / 4.00
- *Term honors:* Dean's List in Spring 2011, Fall 2011, Fall 2012
- *Relevant course work:* Object-oriented programming in Java and C/C++, data structures and algorithms, relational databases and SQL, artificial intelligence, HTML5/JavaScript/CSS, graphics (animation, physical simulations, shaders, lighting/ray tracing), linear algebra, discrete math, calculus
- Project work, courses log, and link to GitHub profile can be found at: [andgoldin.github.io](https://andgoldin.github.io)

## SOFTWARE

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

## SKILLS

*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 ~300 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