

WORK EXPERIENCE

GE Global Research
Intern

June 2014 - June 2015
Niskayuna, NY

- Contributed to large-scale airline and air traffic simulation using MATLAB, SQL, and Javascript.
- Utilized existing GE platform to make the airline and air traffic simulation accessible through the web.
- Redesigned project website to make it more intuitive and user friendly.
- Contributed to a Verification and Validation software project written in C#, by adding tools for human readable debug logs, and porting the project to Java for compatibility with the Esterel SCADE Suite Java API.

Lexikeet LLC
Software Developer

June 2013 - September 2013
Niskayuna, NY

- Used Adobe Flash to animate over twenty educational videos.
- Implemented an educational, multiplayer web-based game for a language learning curriculum.

Woogi, Inc.
Software Developer

June 2012 - September 2012
Niskayuna, NY

- Designed and implemented over 15 small-scale educational games.
- Collaborated with a team of artists to polish and integrate the games into an educational curriculum.

EDUCATION

Niskayuna High School

September 2011 - June 2015

- 4.0 GPA, unweighted
- 35 ACT score
- Awarded the Medal of Excellence for exceptional service to the community.
- Awarded the Medal of Academic Excellence as a member of the top 5% of the class.
- Awarded the Dr. Emily Langworthy Peck Memorial Social Studies Award.
- Awarded the Gerald M. York Memorial Mathematics Award.
- Served as Vice President of the National Honor Society in 2014 - 2015.
- Founded and served as Co-President of the Niskayuna High School Computer Science Club for 2013 - 2015.

TECHNICAL SKILLS & HOBBIES

Computer Languages

Java, C++, Python, Javascript, Microsoft SQL, MySQL, MATLAB, Processing, Node.js, HTML/CSS, C#, R, Actionscript, PHP

Software Tools

Eclipse, Microsoft Visual Studio, Android Studio, VMware Player, MATLAB, Git, SVN, CVS, Heroku, Adobe Creative Suite, Microsoft Office, Cisco Jabber, XAMPP

Pianist, Cellist, Percussionist

I have studied piano for 12 years, cello for 8 years, and percussion for 4 years. In addition, I have taught 3 students 30 minute piano lessons weekly since 2011.

HONORS AND AWARDS

Eric J. Gold Memorial Scholarship

June 2015

Class of 1980 Scholarship

June 2015

National School Orchestra Award

June 2015

Melvin Schiff Memorial Award

June 2015

1st Place in Schenectady Symphony Parillo Piano Competition

May 2015

Brigham Young University Thomas S. Monson Presidential Scholarship

April 2015

GE Star Award

April 2015

Phi Beta Kappa Scholarship Winner

April 2015

Moody Mega Math Challenge Honorable Mention

March 2015

1st Place in Siena College Programming Contest

March 2015

Capital Region Business and Education Partnership Scholars' Recognition Award

March 2015

1st Place in Albany Tchaikovsky Piano Competition

February 2015

1st Place in Capital District Chopin Piano Competition

September 2013