

# Alexander Joseph Terela

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# AJT

## EDUCATION

### Binghamton University, State University of New York – Thomas J. Watson School of Engineering

Bachelor of Science in Computer Science

Expected May 2016

Computer Science Major GPA: 3.202/4.00 | Overall GPA: 2.978/4.00

Watson Dean's List

Spring 2015

Chi Alpha Epsilon (XAE) National Honor Society

Fall 2013

## TECHNICAL SKILLS

- |              |           |              |                        |
|--------------|-----------|--------------|------------------------|
| • Python     | • Django  | • PostgreSQL | • JavaScript           |
| • HTML / CSS | • C / C++ | • Java       | • Ruby / Ruby on Rails |

## TECHNICAL COURSES:

Software Engineering, Design Patterns, Software and Engineering Project Management, Entrepreneurship I & II, MIDI I & II

## PROFESSIONAL EXPERIENCE

### Arivest New York, NY

Summer Associate

June 2015 – August 2015

- Upgraded Arivest website Django version from 1.6 to 1.8 and all required migrations, dependencies, and python packages
- Integrated the backend for new Arivest website pages and identified and repaired existing errors

### Watson Advising Office Binghamton, NY

Peer Advisor

June 2013 – Present

- Manage student information and records using Banner, DARS – Degree Audit Report System, Degree Works, and Xtender
- Advise present and future students with academic decisions to ensure student academic success

### Major League Hacking Binghamton, NY

Coaching Program Intern

September 2014 – December 2014

- Created content to be broadcasted to establish hacker communities and how to develop and spread hacker culture
- Bolstered outreach efforts and teach hacker culture with other MLH coaches and staff to students at hackathons and online
- Addressed the global hackathon movement with community development and branding at student schools

### Handicapped Children's Association Johnson City, NY

Technology Intern

May 2013 – August 2013

- Assisted in the creation of a five year financial plan to implement hardware / software upgrades for all employee computers

### Amazing Music 607 Binghamton, NY

DJ

July 2012 – Present

- Experience in weddings and formal events with professional audio equipment in a high pressure environment

## RELEVANT EXPERIENCE

### HackBU Binghamton, NY

Founding Member

January 2014 – Present

- Foster a community of 45+ students that work together weekly on passion projects outside the classroom
- Aid in the organization of Binghamton University's annual spring hackathon, bringing together 250+ students each year

### Business Plan Competition Binghamton, NY

Team Member

December 2014

- Attained first place in the Binghamton University School of Management Annual Business Plan Competition

### Start-Up Weekend Binghamton, NY

Team Member – Soundsmith Audio Software

November 2012

- Assisted in the development of technology research for innovative audio software and a business plan
- Attained second place against 12 other teams judged by a panel of local entrepreneurs and business investors

### Malloc Lab Binghamton, NY

Team Member

December 2013

- Worked with a team member to create a dynamic storage allocator in C, implementing malloc, free, and realloc functions