
EDUCATION

Columbus, OH	The Ohio State University	August 2017 – May 2021
<ul style="list-style-type: none">• B.S. Computer Science and Engineering• Current Coursework: Calculus III, Physics, Software I, Fundamentals of Engineering		
Stow, OH	Stow Munroe Falls High School	August 2013 – May 2017
<ul style="list-style-type: none">• Weighted GPA: 4.3• Top 5% of graduating class		

TECHNICAL EXPERIENCE

Projects

- **Photo Manipulation Tool (April 2017).** A tool that allowed a user to apply several different photo manipulation filters to their image of choice, including one which used k-means clustering to break the pixels into similarly colored segments, and redraw them with the section's average color. [Processing]
- **Traveasy (Spring 2017).** Mockup of a travel website, which allowed the user to access relevant travel information for locations across the world. Working with a team of 3 others, I handled the technical challenge of getting dynamic information about the locations being viewed. [PHP, JavaScript, HTML, JSON Web APIs]
- **Calculus Twitter Bot (Spring 2016).** Set up a twitter account to reply with the solutions to calculus problems tweeted at it, capable of solving derivatives, integrals, Newton's method of approximation, among other problems. [Python]

ADDITIONAL EXPERIENCE AND AWARDS

- **1st Place, BPA Nationals in Programming Concepts:** Awarded first place in nationwide general programming competition, after qualifying in regional and state level competitions.
- **Top 10, BPA Nationals in Visual C#:** Awarded top 10 for C# project.
- **5th place, Hyland Innovation Showdown:** Led a team of 4 through the technical and business considerations behind marketing a new technical innovation. We finished 5th out of more than 30 teams.

ADDITIONAL SKILLS

- Visual C#; Java; Python; SQL; PHP; JavaScript; Processing;
- Visual Studio; Eclipse
- Conversational Spanish