

# Scott Mangiapane

Software Engineering Student

For additional information,  
please email me at  
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## EDUCATION

**Purdue University**, West Lafayette, IN 2015 - 2019

- Pursuing a Bachelor of Science in Computer Science degree

## EXPERIENCE

**GoDaddy** — Software Development Intern Summer 2017

- Helped develop and test the dashboard and API for a new product that was getting ready for launch
- Implemented new features such as initial snapshot functionality and a backdoor for support agents
- Increased stability by finding and fixing bugs
- Used Java, JavaScript, React, PostgreSQL, and Node.js

## PROJECTS

**My Portfolio** — Web development  
My website ([scottmangiapane.com](http://scottmangiapane.com)) was built from scratch on top of Twitter Bootstrap. It uses the best practices of modern web development and is responsive across every screen size.

**TI Games** — Axe  
Now you can play your favorite smartphone games on your graphing calculator. These were written in Axe, an interpreted language similar to using JS with an HTML5 canvas.

**Card Cliques** — Android  
This is a fun and challenging card game in which players find three cards where each trait (color, shape, fill, or number) is all different or all the same.

**QuackCryption** — Android  
This app uses 128-bit AES to convert regular text into an encrypted string of duck noises. It was awarded "Best Developer Tool" by Major League Hacking. It's "unquackable"!

**Snektime** — Node.js and WebSockets  
This Node.js app uses WebSockets to host an online multiplayer game, where player data is transmitted in real time among multiple clients.

**MarketWatch API** — Python API and web scraper  
This is a reverse-engineered API for [marketwatch.com](http://marketwatch.com), a virtual stock exchange. With this tool, it is easy for users to automate trading by building their own bots.

## SKILLS

### Programming

- Java
- JavaScript
- Python
- SQL
- Android
- HTML / CSS
- C / C++
- Node.js

### Software

- Git
- IntelliJ
- Photoshop
- Vim
- WebStorm
- Illustrator

## AWARDS

**Purdue Presidential Scholarship**

- A merit based scholarship awarded to the top 12% of the incoming freshman class
- Based off of high academic achievement and community leadership

## COURSE WORK

- Operating Systems
- Software Testing
- Systems Programming
- Software Engineering, I
- Data Structures & Algorithms
- Computer Architecture
- Programming in C
- Foundations of CS
- Object Oriented Programming

## WEBSITES

- [scottmangiapane.com](http://scottmangiapane.com)
- [github.com/scottmangiapane](https://github.com/scottmangiapane)