Scott Mangiapane

Software Engineering Student

For additional information, please email me at **scottmangiapane@gmail.com**

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 VPS platform 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) 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, a language that is conceptually 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, 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
- github.com/scottmangiapane