

RYAN KADLICK

SOFTWARE DEVELOPER

PROJECTS

FlightGear Simulation Data Processor ([GITHUB](#))

Aircraft landing data processor using FlightGear simulator.

- Create programs in Python to process the data from FlightGear simulator, using clustering algorithms to classify simulated landings
- Use matplotlib libraries to visualize the data across different graphs

Discord Bot ([GITHUB](#))

Discord bot used for automating tasks, with entertainment features

- Runs online 24/7, hosted on AWS with access to multiple APIs
- Provides commands to help efficiently complete tasks as well as some added fun quirks, using discord.js and node.js

Password Generator ([GITHUB](#))

Simple password generator application for Android devices, created with Kotlin.

- Random password generator to use when creating online accounts to help boost privacy and security
- Has features allowing customization of the character length and types of characters used, also includes clipboard copying and multiple themes

EXPERIENCE

Ticket2Beauty

WEBSITE DEVELOPER | SPRING 2019 - FALL 2019 | NEEDHAM, MA


- Created digital marketing materials for use on the company's website and social media accounts
- Primarily responsible for creating and designing UI/UX components for development of website before launch

FastTrek

WEBSITE DEVELOPER | SPRING 2018 - SPRING 2019 | PROVIDENCE, RI

- Designed, built, and managed website during beta phase of the company
- Worked with Google Analytics to analyze data and further optimize the website

 Boston, MA

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SKILLS

Front End: HTML5, CSS, Javascript, React, Next.js, Bootstrap, Typescript

Back End: Java, Python, AWS, Kotlin, SQL, PHP, Node.js, REST APIs

Tools: Git, VS Code, Android Studio, Wordpress, Adobe Creative Suite, Affinity Creative Suite

EDUCATION

University of Massachusetts - Boston

2020-2022

Master of Science - Computer Science

Roger Williams University

2014-2018

Bachelor of Science - Website Development

Minors: Computer Science, Business, Graphic Design

COURSES

Object-Oriented Software Development
Computer Communication Networks
User Interface Design
Analysis of Algorithms
Cybersecurity, Internet of Things
Database Application Development