



ANDREW COATES

Student & Software Engineer

Firstly, I want to thank you for taking the time to visit my website. Your consideration is earnestly appreciated. You have likely already heard my spiel, so I'll spare you the repetition. Have a lovely day and stay safe during these trying times, Andrew Coates

Phone - (561) 603-9316

Email - coatesal@appstate.edu

LinkedIn - linkedin.com/in/coateslee

Address - Mount Holly, NC, USA

Website - www.coateslee.com

GitHub - github.com/digitalpanda213

EXPERIENCE

Research Assistant Intern

Bee Informed Partnership

May 2019 – Sep 2019

- ❖ Programmed in Django fixing bugs, integrating new features and data, and refactoring student code.

PROJECTS

Photomosaic Generator | July 2020 - Ongoing

- ❖ Developing a Machine Learning based photomosaic generator that can create detailed mosaic at low resolution using image similarity search techniques.

Self-Publish App | April 2017 – Sept 2017

- ❖ Developed in Unity using C#. Fully working UI and payment system.

Robot Game Competition | Spring 2018

- ❖ Placed 2nd out of ~100 student in a class competition to design a digital robot in Java to compete in a battle royal.

SKILLS

C#	Python	Java
C/C++	HTML & CSS	JavaScript
SQL	R	Linux
Git	Unity	Django
TensorFlow	SkLearn	Docker
Scrum	Agile	OpenCV

EDUCATION

B.S. Computer Science | Minor: Japanese

Appalachian State University, Boone, NC

3.27 GPA | Fall 2017 – Spring 2021

- ❖ Computer Science Club Secretary 2018 – 2019. Coordinated catering for a Hack-a-thon with over 200 attendants.
- ❖ Japanese Culture Club member. Informal tutor.

International Exchange | Okayama, Japan

Sep 2019 – Mar 2020

COURSES

Computer Systems 1 & 2	Databases
Data Structures	Software Engineering
Linear Algebra	Statistical Data Analysis
Computer Vision	

SOFT SKILLS

Results Driven	Self-Management	Teamwork
Analytically minded	Creative	Project Management
Communication	Collaborative	Flexible

PERSONAL ACHIEVEMENTS

- ❖ Cycled over 350 miles in five days while bike-camping to, across, and from the Shimanami Kaido (world longest bridge system).
- ❖ Won the #MyOctocat design challenge at HackNC 2018.