

Jackson Fletcher

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EDUCATION

St. Benedict at Auburndale High School, Cordova, Tennessee

Graduation: Spring 2015

- Weighted GPA: 4.48
- ACT Composite Score: 35
- National Merit Commended Scholar

Mississippi State University, Starkville, Mississippi

Graduation, expected: Spring 2019

B.S. Computer Engineering, expected

Minors in Mathematics, Business Administration, and Cursus Honorum

- GPA: 3.91

RESEARCH AND WORK EXPERIENCE

Center for Advanced Vehicular Systems, Mississippi State University

Student Researcher

Sept. 2016–May 2017

- Developed Python GUI applications that interface with power transmission software to automate power system safety algorithms for the local energy distributor.

Visualization REU, Clemson Computing and Information Technology, Clemson University

REU Researcher

May 2017–July 2017

- Worked with Clemson faculty (Dr. Alex Feltus, Dr. Oyewole Oyekoya) to design and implement an interactive representation of the phylogenetic tree using C++ and OpenGL to expand the feature set of a GPU-accelerated gene co-expression network alignment tool.

SIDE PROJECTS

Splash

<http://jackfletch.com/splash>

- A full-stack web application for National Basketball Association statistics and data visualization.
- Built using JavaScript and a database; specifically, Node.js using React, Express, GraphQL, and PostgreSQL. Currently a work in progress.

ACTIVITIES/INVOLVEMENT

Academic

- DevNet, MSU's Software Engineering Club
 - MSU EcoCAR Controls Section
 - MSU Shackouls Honors College
 - Summer Study Abroad in Toulouse, France with MSU
- Fall 2017–Spring 2018
Spring 2016–Spring 2017
Fall 2015–present
Summer 2016

Other

- MSU intramural basketball and soccer
 - MSU Men's Club Soccer Team
- Fall 2015–Fall 2016
Fall 2015–Fall 2016