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# DAVID HUANGAL

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Github:
github.com/dbhuangal1204

## EDUCATION

| **Columbia, MO** | **University of Missouri** | **Fall 2016 – May 2020** |
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Bachelor of Science in Computer Science
(Minor in Mathematics)
Hours Completed: 62
In-Major GPA: **4.00** (including math)

## EXTRACURRICULAR INVOLVEMENT

- **Mizzou Computing Association:** I am currently participating in the Computing with Python SIG.
- **Hack Mizzou 2016:** At the event I created a small application that presents the user with recommended movies based on an initial questionnaire.

## PROJECTS

- **Car Search:** Wrote a program that parsed a large file with lists of vehicles and their make, price, model, mileage, year, etc. and stored them in a binary tree. The program then allowed the user to search the tree for vehicles that were newer than a certain year, cheaper than a certain price or both. The results were then printed out.
- **Doctor's Appointment Booking System:** This program simulated reserving an appointment on a day in a given month for a doctor's visit. The user could schedule an appointment as long as it was open. There was also an admin log-in feature where an administrator could see the amount of revenue made in a particular month or remove appointments if necessary.
- **Vacation Planner:** A web application that has the user enter information such as budget, location and preferred style of trip (educational, entertainment, relaxation, etc.) and presents a plan that includes an itinerary, options for methods of travel and a packing list. (In progress).

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## SOME RELEVANT COURSEWORK

- Algorithm Design, Object Oriented Programming, Database
- Calculus I-III, Discrete Math

## OTHER INTERESTS

- Machine Learning
- Mathematics

## LANGUAGES AND TECHNOLOGIES

- C; Python; C#; SQL; HTML/CSS; JavaScript;
- Visual Studio; NetBeans; Git/GitHub;