BLAKE **ENGELBRECHT**

Software Engineer / Web Developer

CONTACT

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(573) 298 1661
Springfield, MO

EDUCATION

B.S.
Computer Science

Missouri State University
Sept. 2016 - Present (Expected
Graduation: May 2022)

Springfield, MO

RELEVANT COURSES

Internet Programming & Advanced
Internet Programming

Database System Concepts

Algorithms/Adv. Data Structures

Software Quality Assurance
and Management

Intro Software Engineering

Mobile Computing Applications

TECHNICAL SKILLS

Python
C++
JavaScript
SQL
HTML/CSS
Git

OBJECTIVE

I'm looking for an internship where I can utilize
the knowledge I've gained throughout my academic career in a
practical capacity. I am looking to learn and gain experience to become a
professional software developer.

EXPERIENCE / PROJECTS

Online Retail Store
Web Developer
August 2019 - December 2019

- Web Designer - Conceptualizing and creating an online storefront
  for selling sneakers. Using Adobe Photoshop to create graphical assets
  for the website.
- Web Developer - Using JavaScript/CSS/HTML to create a functioning
  website. Features of this site include: homepage, individual product pages
  user account creation, database for storing product information (unique
  item id, total inventory, sale price, units sold). These features were
  implemented using Bootstrap framework and an MVC design pattern.

Quality Testing of Open Source Application
Software Tester
August 2020 - December 2020

- As a quality assurance tester it was my responsibility to thouroughly
  test 5 classes of the open source software, Audacity. My testing
  methods included mutation testing using the automated testing
  tool "Mull".

A.I. Racing Bot Using Deep Learning
Developer
August 2020 - December 2020

- Utilized Deep/Reinforcement learning algorithm (deep deterministic
  policy gradient) to create a self-driving racecar for TORCS (The
  Open Racing Car Simulator) software.