JAMES COLEMAN GIBSON

5500 Wabash Ave
Terre Haute, IN 47803 CM263
gibsonjc@rose-hulman.edu
269-254-7340

OBJECTIVE

To obtain a software developer position disguised as a summer internship

EDUCATION

Bachelor of Science, Computer Science   May 2018
Minor in Mathematics
Rose-Hulman Institute of Technology
GPA 3.81

EXPERIENCE

Intern *Beckman-Coulter*   June 2016 - Aug 2016
- Researched a number of web technologies for a future product
- Used Angular2, RxJS, TypeScript to write a front-end prototype
- Distributed OrientDB, MongoDB for high availability

Developer *Rose-Hulman Ventures*   Dec 2015 - May 2016
- Wrote software used by paying clients
- Maintained and developed workers' compensation website
- Python, Javascript, HTML, jQuery

Teaching Assistant/Grader *Rose-Hulman Computer Science Department*   Sept 2015 - Current
- Guided students through important beginning concepts
- Utilized multiple communication styles to reach different individuals

Programming Assistant *Operation Catapult*   June 2015 - Aug 2015
- Lectured and assisted students with their first programming project
- Full time position

PROJECTS

"Dream Career" Website *Intro to Database Systems*   Mar 2016 - May 2016
- Worked in a team of three to write a website for final CSSE333 project
- Designed database schema and wrote SQL transactions
- C#, ASP.Net, SQL Server

Handwritten Digit Classification *Data Mining*   Jan 2016 - Feb 2016
- Managed a project with two other developers for final project
- Classified user input with neural network trained on MINST dataset
- Wrote a KD tree DBSCAN C extension for Python to segment text

Processor Design *Computer Architecture I*   Oct 2015 - Nov 2015
- Designed and tested multicycle stack based processor
- Wrote processor emulator for testing and assembler GUI
- Worked together with a team of five

OTHER

Vice President of Astronomy Club   Apr 2016 - Current
Experience with LaTeX   June 2016 - Current
Linux as primary OS   Mar 2015 - Current