John M. Rundle

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EDUCATION

University of Notre Dame   Notre Dame, IN
Major: Computer Science   May 2022
Relevant Coursework: GPA: 3.97 / 4.00
- (Current) Software Development, Compilers & Language Design, Programming Paradigms, Theory of Computing
- (Completed) Systems Programming, Data Structures, Computer Arch., Logic Design & Seq. Circuits, Discrete Math

TECHNICAL SKILLS

Languages: C, C++, C#, HTML/CSS, Python, Verilog HDL
Other: Agile, ASP.NET, AWS, Bootstrap, Flask, Git, jQuery, Linux, SQL, Vim

EXPERIENCE

Fidelity Investments   Durham, NC
Software Engineering Intern   June 2020 – July 2020
- Developed enhancements and bug fixes to a Defined Benefits regression utility
- Integrated a system with C++ and MySQL to monitor and restore incomplete regressions, saving hours of tedious labor
- Followed Agile Development methodologies

Huber & Associates, Inc.   Jefferson City, MO
Junior Application Developer   May 2019 – March 2020
- Coordinated with Accounting dept. to design automated SSRS financial analyses, reducing required labor by 75%
- Conceptualized and developed a frequently used intranet website to manage company event planning and signups
- Leveraged .NET MVC 5 for backend, jQuery and Bootstrap for frontend, and an external SQL Server for data storage
- Investigated and proposed the potential applications of the IBM Watson API to upper management with custom Python/Flask prototypes and Node.js endpoints
- Collaborated with a government office to help transfer website content from one CMS to another

PROJECTS

Personal Website   Spring/Summer 2020
- Created a Flask-based website from scratch, utilizing vanilla JS + CSS for front-end
- Integrated Spotify and Github API's to gather additional information, using AWS S3 to securely store OAuth tokens

Rubik's Cube Solver   Spring 2019
- Developed a solution algorithm in MATLAB and programmed an Arduino to actuate corresponding motors
- Selected as one of the five featured projects among all freshmen engineers and invited to present to incoming class

Handicap Management Program   Summer 2018
- Designed and implemented a Python based golf handicap management program with a GUI and user login system
- Created a Python script to parse online USGA course and tee data
- Utilized Google's Geocoding API in populating a SQLite database with information on over 14,000 U.S. courses

ACTIVITIES / INTERESTS

Notre Dame Club Golf Team (2x National Championship Participant)	2018 – Present
Intermural Soccer, Volleyball, Golf, Basketball	2018 – Present
Notre Dame CS For Good	2020 – Present