

John M. Rundle

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400 Hunters Run
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EDUCATION

University of Notre Dame Notre Dame, IN
Major: Computer Science May 2022
Dean's List (Fall 2018 – Spring 2020) GPA: 3.97 / 4.00
▪ Relevant Coursework: (Current) Software Dev., Compilers & Language Design, Prog. Paradigms, Theory of Computing
(Completed) Systems Prog., Data Structures, Computer Architecture, Logic Design & Seq. Circuits, Discrete Math

TECHNICAL SKILLS

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

PROJECTS

Dameros Website Spring 2020
▪ Deploying a Flask-based website for a Notre Dame non-profit
▪ Regularly meet with development team remotely to discuss benchmarks and deadlines

Rubik's Cube Solver Spring 2019
▪ Constructed a computational model and physical machine to solve a Rubik's Cube
▪ Developed a conditional 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

EXPERIENCE

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, developed, and documented an intranet website to manage company event planning/signups
▪ Implemented MVC architecture with ASP.NET, along with jQuery and Bootstrap for frontend, and SQL for data storage
▪ Configured site to use Windows Authentication against company LDAP
▪ 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

University of Notre Dame – Hesburgh Library Notre Dame, IN
Student Assistant September 2018 – May 2019
▪ Monitored and updated the Notre Dame LibGuide website to ensure that all technical guidelines were met

ACTIVITIES / INTERESTS

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