

PIOTR BARANSKI

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Education

Bachelor of Science: Computer Science, Biomedical Sciences

Expected in 05/2020

Southern Illinois University - Carbondale

- GPA of 3.52
- Recipient of Full Athletic Scholarship

Career Project Highlights

Self-Driving Racing Car, F1/10 International Competition

- Created and updated expenditure reports
- Drafted and updated 2D and 3D designs using AutoCad software
- Prepared and reviewed project documentation
- Followed outlined specifications to implement effective assembly plans for the car

Extended CFD Terminal, Investing Software System

- Implemented Python scripts responsible for data mining using Selenium WebDriver
- Wrote Python wrappers for C parallel functions
- Developed Python machine learning models using Numpy module
- Implemented using Python software trading techniques
- Generated project guides, design standards and reports
- Created project plans, proposed new designs and distributed tasks to team members

Research and Work History

Office Assistant

05/2017 to Current

President's Office – Carbondale, Illinois

- Interacted with public professionally by phone, email or in-person to provide information and direct to desired staff members
- Managed over 40 calls from public per day
- Assisted with event planning, including associated travel and logistical arrangements
- Kept physical files organized for easy updating and retrieval by other employees

Research Assistant

01/2017 to 08/2018

School Of Computing – Carbondale, Illinois

- Wrote C++ programs for password research system that increased number of successfully cracked passwords by 12%
- Wrote and implemented Bash scripts to enhance functionality and performance of software
- Stress-tested programs to validate code changes
- Collaborated with leadership team to determine implementation of new features
- Prepared project documentation and reports

Skills

- Advanced knowledge of Python programming
- Solid knowledge of C and C++
- Agile methodology and development
- Algorithms and data structures
- Git version control systems
- Machine learning algorithms
- Bash and AWK programming
- Program debugging and testing
- Knowledge of Linux low level and Linux kernel
- Presentations and project coordination