Matthew W. Pursell

3375 Ga Hwy 228 Ellaville, GA 31806 | 229-591-7477 | matthew.w.pursell@outlook.com

Objective

Computer Engineering student at Georgia Institute of Technology seeking an internship opportunity with hands on experience. Strong foundation in computer programming, CAD, hardware systems, and software applications. Recognized for leadership skills and experience in product presentation, design, and marketing.

Education

Georgia Institute of Technology | Atlanta, GA   *August 2023 – Present*
Bachelor of Science in Electrical & Computer Engineering (Pursuit)   *Expected Graduation, May 2027*

Georgia Southwestern | Americus, GA   *August 2019 – December 2022*
Dual Enrollment, GPA 3.88
- Completion of Microsoft Applications certification.

Schley County High School | Ellaville, GA   *August 2019 – May 2023*
Honors Student, GPA 3.92
- Accounting, Business Management, Engineering, and Web Development pathways.

Skills

Programming: Java (intermediate), Python (intermediate), C, C#
Web Design: JavaScript, HTML, CSS
Hardware: Raspberry Pi, Atmel SAM3X8E ARM Cortex-M3 (Arduino), Hydraulics Systems
Software: Blender, SolidWorks, Cura, Adobe Suite, Microsoft Applications Certified
Communication: Design proposals, marketing, presentations (large and small audiences)

Experience/Activities

Georgia Institute of Technology | Provisional Prototyping Instructor (Hive)   *August 2023 – Current*
- Trained in the usage of a wide variety of hardware, tools, and machinery.
- Guide others with the usage of appropriate tools to complete their own projects.

Georgia Institute of Technology | Startup Exchange/CreateX   *August 2023 – Current*
- Advised packaging design and social media advertising efforts for both student-led and independent startups. Biggest projects include collaborations with Vines33 and RMGNT.

Tidal Wave Auto Spa | Senior Attendant   *July 2022 – August 2023*
Nationally franchised express car wash
- Enhanced work efficiency, assisted in the increase of peak cars per hour from 40 to 80, and optimized closing speed/quality.
- Assisted in the process of several major repairs.
- Recognized as company-wide Employee of the Week on two occasions.

Schley County Robotics Club | Lead Programmer   *August 2019 – May 2023*
- Programmed autonomous mode for 3 competition robots (python), all achieving 1st place in autonomous sections.
- Developed highly customized control algorithms utilizing a variety of sensors to enhance driver performance.
- Led efforts to secure funding/sponsorships from local donors.