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Purdue student searching for a Software Engineering internship

#### EDUCATION:

B.S. in Computer Engineering, Purdue University, planned graduation May 2020. Current GPA: **4.0** on a 4.0 scale.  
**Dean's List** every semester.

#### RELEVANT COURSEWORK:

- **Software Engineering:** Visual Basic, MATLAB (Honors), C (Honors), Microprocessors
- **Electrical Engineering:** Electrical Circuits, Electronic Systems Fabrication

#### EXPERIENCE:

- **Software Engineer Intern at NASA Langley Research Center** (Hampton, VA) from June 2016 to August 2017. Developed software through entire life cycle (analysis, design, implementation, testing and integration, and maintenance) in MATLAB and C programming languages to perform testing and validation on real-world sensor system (RBI). Wrote and tested over **4,000** lines of documented code. Applied JavaScript to analyze and display resulting data. Used MS Office to present outcomes of work and results of studies to Directorate. RBI budget is **\$200 million** and is scheduled for launch in 2021.
- **Mobile App Developer at Limerlost State Historic Site** (Geneva, IN) from January 2015 to January 2016. Developed an app in the Android SDK using Java and XML. App was awarded recognition as an official Indiana **State Legacy Project**. Published in 2 app stores.

#### SKILLS AND KNOWLEDGE:

##### Software development:

- **C:** Industry and Honors coursework experience, secure programming training at NASA
- **C++:** Competition and project experience, secure programming training at NASA
- **Java:** Competition and project experience, defensive programming training at NASA
- **JavaScript:** Competition and industry experience at #INCapitolHack and NASA
- **Agile and Waterfall:** Training in development and testing methodologies at NASA

##### Operating systems:

- **Windows:** High familiarity with **Windows 7** Home Edition and **Windows 10** Home Edition and Enterprise Edition. Trained in Windows 10 and security features at NASA. Also trained in **Microsoft Office Suite** at NASA
- **\*nix:** Familiarity with and knowledge of \*nix operating systems including **Linux** (specific familiarity with distros including **Ubuntu, Mint, and Arch Linux**) and **Mac OS X**

##### Leadership:

- President of IEEE student chapter January 2017 to present
- Secretary and organizer for ACM student chapter August 2017 to present
- Founder of Dyslexic Kids global not-for-profit support network; 15,000 members in 74 countries
- LEAD Engineering Peer Mentor at Purdue University from August 2017 to present

#### ACHIEVEMENTS AND AWARDS:

**Top 150** U.S. contestant, IEEEExtreme11.0; **1st Place**, Purdue Object-Oriented Programming Competition (using Java); College of **Engineering Scholarship** for Excellence; **Finalist**, #INCapitolHack 2016