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Purdue student searching for a Software Development 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:

- **Languages:** C (Honors), Microprocessors, Visual Basic, MATLAB (Honors), Java, Python, C++, C#, NASTRAN, R, HTML/CSS and JavaScript, VHDL
- **Tools:** Microsoft Visual Studio, Git, Subversion, PuTTY, Netbeans, Eclipse
- **Methodologies:** Object-Oriented, Agile development and testing, Waterfall development, parallel processing

#### EXPERIENCE:

- **Software Development Intern at NASA** (Hampton, VA) from June 2016 to August 2017. Developed software through entire life cycle (analysis, design, implementation, testing and integration, and maintenance) to perform testing and validation on real-world sensor system (RBI). Wrote and tested over **4,000** lines of documented code (4 KLOC). 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 Lamberlost 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 languages:

- **C:** (5 years) Honors coursework, global programming competition, projects, industry application and training
- **C++ and C#:** (2 years) Project experience, industry training, coursework
- **Java:** (3 years) Project experience, regional development competition, industry application and training
- **Python:** (2 years) Project experience (focus on parallel processing), industry training, coursework

##### Software development methodologies and certifications:

- **Agile and Waterfall, Object Oriented, parallel processing;** Certified **Lean / Six Sigma** Yellow Belt

##### Operating systems:

- **Windows:** High familiarity with **Windows (7 and 10)**. Extensive experience using **Microsoft Office Suite**
- **Linux:** Familiarity with Linux operating systems including **Ubuntu, Mint, and Arch Linux**

##### 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 organization; 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 (using C); **1st Place**, Purdue Object-Oriented Programming Competition (using Java); College of **Engineering Scholarship** for Excellence; **Finalist**, #INCapitolHack 2016; **Global Game Jam** competition winner (using C# and JavaScript)