

Alexander van de Sandt

Phone: (317) 318-5239 | Email: avandesa@purdue.edu | Website: <https://avandesa.github.io>

Education

- Purdue University
 - Fall 2016-Present
 - Pursuing Major in Computer Science, minor in Russian Language
 - Following Systems Programming track in Department of Computer Science
 - Member of the Honors College
 - Expecting to graduate May 2020
- Zionsville Community High School
 - 2012-2016
 - Indiana Core 40 Academic Honors, Summa Cum Laude
 - 10 AP classes, including Computer Science, Calculus BC, Physics C, and Economics
 - Extracurriculars: Robotics Club, Model United Nations, Rock Climbing Club, National Honor Society, Tri-M Music Honor Society

Work Experience

- Clear Software – Intern
 - Summer 2017
 - Worked directly with clients to determine requirements for product customization
 - Configured product to client requirements using proprietary templating language
 - Integrated product with existing enterprise software using python
 - Learned Python, HTTP-REST frameworks, client services, and business programming frameworks.
- IMS Productions – Utility Worker
 - Summer 2016, 2017, and 2018
 - Assisted camera and talent crews in the pit lane at IndyCar races
 - Ran and coiled fiber-optic cables
 - Coordinated radio distribution for pre-race stage crew at Indianapolis 500
 - Learned teamwork, communication, and basic fiber-optic systems.

Extracurriculars

- New Member, Purdue Formula SAE (Fall 2018 – Present)
 - Will join Electronics subteam as Software Developer
- First Violin, Purdue Symphony Orchestra (F2016 – Present)
- Member, ACM Purdue SIGBots (Spring 2017 – Spring 2018)
 - VEX-U team at Purdue
 - Software Team Leader (Fall 2017 – Spring 2018)
 - Developer, Purdue Robotics Operating System 3.0

Technical Skills

- Advanced C programming
- Intermediate Rust, C++, Java, and Python programming
- Gentoo Linux
- Proficient in Git, Phabricator, and JIRA

Languages

- English – Native
- Russian – 5 Semesters