

ALEXANDRA BELEGRIN

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OBJECTIVE

Multidisciplinary engineer looking to begin career in human centered design and research. Personal highlights include experience with graphic design and curriculum design with interest in diversity and inclusion, as well as strong analytical and interpersonal skills developed through pre-professional work experience.

EDUCATION

Purdue University – West Lafayette, Indiana May 2019
Bachelor of Science in Multidisciplinary Engineering GPA 3.44
Minors in Electrical and Computer Engineering, LGBT Studies, and Political Science

RELEVANT COURSEWORK

Human Factors in Engineering • Design Methodologies for Diverse Stakeholders
Well-Being, Leadership, Diversity & Inclusion in Engineering • STEM and Gender
Graphical Communication and Spatial Analysis

WORK EXPERIENCE

Beebe Arts LLC - West Lafayette, Indiana

Media and Research Consultant

Spring 2018 – Present

- Researched and designed marketing materials including logos, cards, and website to improve presence of Beebe Arts as a social change agent and design firm.
- Wrote contracts and grant applications for fund development and to establish boundaries between diverse organizations.

Purdue University Honors Engineering - West Lafayette, Indiana

Research Intern

Spring 2018 – Present

- Investigated the integration of entrepreneurship and engineering at various colleges to analyze most successful techniques in entrepreneurship education.
- Developed course material to teach engineering students skills such as Object-Oriented Python and practical 3D modeling and printing.

Head Teaching Assistant

Fall 2016 – Present

- Collaborated with instructors to redesign course curriculum and create new content.
- Acted as ombudsman between Peer Teaching Assistants to instructors to foster a positive professional environment.
- Oversaw teaching assistant team to validate the cohesion of course material.
- Guided student teams to develop teaming, technical writing, and programming skills.

Instructional Intern – Seminar for Top Engineering Prospects

Spring 2017 – Summer 2017

- Designed curriculum for camp to introduce rising high school seniors to engineering.
- Educated rising high school seniors engineering concepts including Arduino programming and circuitry, physics, project management, and 3D modeling.

LEADERSHIP EXPERIENCE

3 Day Startup, Purdue Chapter - West Lafayette, Indiana

President

Spring 2018 – Present

- Lead board members and organize resources to plan and execute a \$45,000 3-day entrepreneurship education event for 100 student participants.
- Organized with local partners, such as college leaders, small businesses, and startups to raise funds necessary for the event.

Women In Engineering Program - West Lafayette, Indiana

Access Engineering Leader

Summer 2018

- Collaborate with team to facilitate exposure to engineering through design challenges for children in grades K-5.
- Promoted a healthy environment for children to experiment and gain understanding of engineering careers.