

Kira Electra Scarpignato

Citizenship: United States
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EDUCATION

Florida Institute of Technology, Melbourne, FL (Fall 2021 – 2024 Anticipated)

83 Credit hours toward major

- 4.00 GPA unweighted
- Major in Biomedical Engineering (Working on Bachelor of Science)
- Attending with merit-based full-tuition scholarship - Panther Distinguished Scholar Award

Indian River State College, Port St. Lucie, FL (transferred August 2020)

- 4.00 GPA unweighted
- Participant in the Dual Enrollment Program through Port St. Lucie High School

Port St. Lucie High School, Port St. Lucie, FL (transferred August 2020)

Class of 2021

- Class Rank: 1 out of over 400 students (6.04 GPA Weighted, 3.97 unweighted)
- Named Young Floridian Nominee in the area of Academic Excellence

RELEVANT ACADEMIC INFORMATION

- **SAT Score: 1540**
 - Evidence-Based Reading and Writing: 760 (99th percentile)
 - Math: 790 (99th percentile)
- **Advanced Math**
 - AP Calculus AB/BC, Calculus III, and Differential Equations/Linear Algebra: Grade A in all calculus classes (AP score of 5)
 - Probability and Statistics: Grade A
- **English**
 - Composition and Rhetoric: Grade A
 - Writing about Literature: Grade A
 - Sci-tech Communication: Grade A

WORK AND INTERNSHIP EXPERIENCE

Resident Assistant at Florida Institute of Technology

August 2022 – Present

- Organize programs for Florida Tech residents
- Enforce university policy and assist residents with any issues

The Burger Place, Melbourne, FL

August 2022 – Present

Cashier

- Take orders at register and clean/organize dining area

Undergraduate Biomedical Engineering Research Assistant Melbourne, FL

June 2022 – Present

- Research in Dr. Bashur's lab involving tissue engineering and scaffold development for small-diameter arteries

Heathcote Botanical Gardens, Fort Pierce, FL

June 2022 – August 2022

Website Assistant/Camp Helper

- Assist in developing a new website for the garden to relieve massive SEO issues, such as outdated content, dead links, missing meta descriptions, etc.
- Help with camps of over 40 children by providing garden tours

SIDDIS Research Internship at Florida Tech supervised by Dr. Anagnostopoulos, Melbourne, FL

January 2022 – June 2022 (tentative end date)

- Research involving RDN neural network for super-resolution of flood inundation maps
- Developed baseline code (using Python) for L1 and L2 distance ranking based on topography for predicting super-resolution
- Worked on parallelization method for neural network and ran test data

Werner H. Kirsten Student Internship Program (WHKSIP), Frederick, MD

June 2020 – August 2020

Intern (Did not run as expected due to COVID-19)

- Accepted into a highly competitive internship program at a government military base, Fort Detrick, MD
- Research on 3D cell modeling - would have done work in a dry lab using computer graphics software
- Took part in a summer lecture series from researchers discussing topics such as ethics in research

Walmart, Melbourne, FL

June 2020 – January 2022

Personal Shopper/Sales Associate and Meat and Produce Associate

Association of Objective Journalists, Inc. (AOJ), Middletown, MD

January 2018 – April 2021

President/Founder, IT Specialist, & Journalist

- Entrepreneur who founded and incorporated AOJ with my family
- Created and managed an advanced news website. Conducted in-depth SEO research and optimization on the website. Used Google Analytics to assess the traffic and on-site ad effectivity.
- Every week, I completed two journalistic works and coordinated company activities
- Board member that led the strategic direction of AOJ

Frederick Gymnastics Club, Frederick, MD

September 2019 – March 2020 (COVID temporary Shutdown)

Class Instructor

ACTIVITIES AND VOLUNTEERING

- President for Florida Tech BMES Chapter (Spring 2022 – Present)
- Tech Crew for Florida Tech musical and Play, Bubble Boy (Fall 2021) and She Kills Monsters (Spring 2022)
- Volunteer Gardener at Heathcote Botanical Gardens (2015 – 2021)
- Student Leader for Grace Community Church Youth Group (August 2019 – August 2020)
- Member of Praise Team (Guitarist) for Grace Community Church Youth Group (2016 – August 2020)
- USAG Gymnast up to Level 9 out of 10 levels (2006-2019)

QUALIFICATIONS & SKILLS

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| • Business Minded & Organized | • Great Objective Communicator | • Strong Work Ethic |
| • Tutoring (Calculus 1-Diff. Eq., Chemistry) | • Experience with Advanced Graphical Design (Corel) | • Gymnastics Skills Up to Level 9 |
| • Website Development (HTML & PHP) | • Quick Learner | • Analytical Writing Skills |
| • Database Programming (MySQL) | • Computer Hardware Assembly (Built Gaming Computer) | • Adept at Microsoft Excel and Word |
| • Python, Java and JavaScript | | • Google Analytics |