JOHANNA SMITH-PALLISER

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Miami, FL 33176

Education

Cornell University, Ithaca NY
Bachelor of Science, Computer Science

August 2015 - May 2019 (expected)

Miami Dade College, Miami FL
Associate in Arts (Dual Enrollment)

August 2013 - May 2015

School for Advanced Studies
High School Diploma, Summa Cum Laude
GPA: 7.307, Top 10% of graduating class

August 2013 - June 2015

Leadership and Involvement

CodeKids Camp - Junior Instructor   June 2016 - August 2016
- Taught students ages 7-13 the fundamental lessons of computer science, programming, and robotics
- Challenged, engaged, served, and communicated with students to encourage their participation and learning while maintaining mutual respect and value
- Designed and planned curriculum and small group projects to supplement the lessons

Cornell Engineering CATALYST Academy - Program Assistant   July 2016
- Assisted course instructors staff with projects, field sessions, tours, and other activities throughout the week
- Provided full-time, round-the-clock guidance and shared supervision for 47 participants
- Helped establish a sense of community among students and staff
- Assured full engagement and comprehension of program participants to all program activities including morning field sessions, afternoon project sessions, scheduled evening activities, and the final presentation session

FIRST Robotics Competition Team #5329 - Founding member, historian   2013-2015
- Worked with team members to design, build, and program a robot in six weeks for regional FIRST Robotics Competition in Ft. Lauderdale.
- Contacted prospective sponsors and community members for fundraising, raising over $8,000 in funds
- Documented the proceedings and progress of the team throughout the season through use of social media and technical documentation.
- Placed 29th of 50 teams in the 2015 regional competition

Mu Alpha Theta - President   2011-2015
- Tutored students in Pre-Calculus, AP Calculus AB/BC, SAT/ACT Math, resulting in an increase in school ranking to 5th in Florida's ACT averages
- Coordinated team involvement in local mathematics competitions, such as David Essner and Meeting of the Math Minds
- Reinstated chapter of the national mathematics organization, Mu Alpha Theta, allowing students more opportunities in terms of competitions, grants, and scholarships

Volunteer at Kendale Elementary School   2003-2015
- Tutored students through After School Care program, focusing in math and science
- Assisted teachers in making class lesson plans
- Supervised students in the After School Care program
- Created fun arts & crafts projects for students

Skills

Languages: Python, Java, C++, MATLAB, Javascript, Visual Basic, HTML/CSS

Technical: MS Office, MS Windows, Mac OS, Android, iOS, Solidworks, AutoCAD

Other: Native Spanish speaker