

Swan Htun | CV

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Education

Engineering Physics — University of Illinois at Urbana Champaign
AA in Engineering, Highest Honors — Santa Fe College

Fall 2017 - present
Spring 2017

Language Fluency

- English
- Burmese

Technical Skills

Languages: Java, Python, HTML, CSS

Honors and Awards

James Gregg Honors Scholarship

Summer 2015 - Spring 2017

Extra-curricular Activities

Honors Society at Santa Fe College

Spring 2015 - Spring 2017

Phi Theta Kappa

Fall 2015 - Spring 2017

Engineering Club at Santa Fe College

January 2016 - Spring 2017

Global Society (Model UN) at Santa Fe College

January 2015 - Spring 2017

Conferences

National Society of Black Physicists Fall Conference at Fermilab

October 27 - 30 2016

Research Experience

NIH Intramural Research Training Award

Summer 2017

- 10 week-long stipendiary bioinformatics research internship at NIH campus in Bethesda, Maryland at the NCBI branch under the research group of Dr. Teresa M. Przytycka and mentored by Dr. Yoo-Ah Kim.
- My project focuses on the integrated analysis of cancer mutations and drug-gene interactions for targeted therapy.

Teaching Experience

Mathematics Tutor — Santa Fe College

Fall 2016 - Spring 2017

- Calculus II, Calculus I, Trigonometry, Pre-calculus, College Algebra
- Help students understand mathematical concepts and guide them through problems, as well as help students utilize programs such as Maple.
- Supervised by Jason Rummler.

Community Outreach

Alachua County Public Schools

August 2014 - Spring 2017

- Volunteer interpreter from Burmese to English
- Volunteer mathematics and science tutor for summer programs and evening tutoring sessions to provide additional help for students with their classwork and preparation for exams.

Samuel P. Harn Museum of Art

Summer 2015 & 2016

- Volunteer to coordinate the museum nights by participating at weekly meetings to brainstorm ideas and find the best means to achieve the given tasks.

Guana Tolomato Matanzas National Estuarine Research

Spring Break 2015

- Volunteer to help nourish the marine habitat and to preserve the intercostal waterway at Guana River.