Ezra Ablaza

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trestres.github.io

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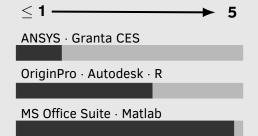


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Skills ———

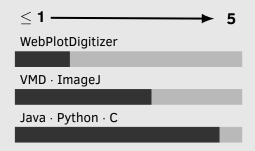
Engineering Technologies:

(ranked by familiarity)



Other Skills:

(ranked by familiarity)



Organizations —

- Tau Beta Pi National engineering honors society
- Material Advantage Premier materials engineering membership
- USACS Community of Rutgers students involved in tech
- RUFMA Filipino martial arts club

Education

Expected: BS., Materials Science and Engineering

Jan 2019 New Brunswick, NJ

Cum. GPA: 3.740/4.000

Expected: **Double Major in Computer Science**

Jan 2019 New Brunswick, NJ

Dual-discipline study with research experience in computations. Exposure to several characterization methods including XRD, XRF, TGA, SEM. 4 years+ of computer programming education and expe-

rience.

Experience

Feb 2017 - **iLab Assistant** Present Piscataway, NJ **Rutgers LCSR**

Rutgers University SoE

Rutgers University SAS

- Offering on-site walk-in tutoring for essential curricular topics in Computer Science and Engineering
- Instructing students how to access and use lab equipment
- Successfully closed 250+ helpdesk tickets

Jun 2017 - Global Engineering Intern | R&D Aug 2017 Aurangabad, Maharashtra

Sterlite Tech Ltd.

- Worked with Quality Improvement team to increase glass core C_{nk}
- Used R and MS Excel to cleanup raw data extracted from in-house manufacturing equipment
- Developed analysis tools in Matlab designed to make quality predictions of fiber core based on preform data
- Maintained project documentation and performed other administrative duties as required

Research

May 2015 - Computational Materials Research

Rutgers IMSL

Dec 2015 Piscataway, NJ

- Wrote Bash scripts and Fortran code to run molecular dynamics simulations of pure silica dissolving in the presence of pure water
- Presented intermediate findings in a poster session hosted by the Aresty Research Center in August 2015

Volunteering

Oct 2016 - HackRU | RND Project Lead, Hacking Mentor

HackRU

HackFRee

Present New Brunswick, NJ

Jan 2017, HackFRee | Technical Mentor, Judge

Jan 2018 Englishtown, NJ