

EVAN WANG

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SUMMARY

Computer Science and Mathematics undergraduate seeking a software engineering or data analytics internship.

EDUCATION

Purdue University, College of Science, 610 Purdue Mall, West Lafayette, IN 47907 August 2017–May 2020
B.S. Computer Science | B.S. Mathematics | Minor: Chemistry Cumulative GPA: 3.85

EXPERIENCE

- Undergraduate Researcher**, Purdue University, West Lafayette, IN June 2018–present
- Using *Scikit-Learn* and *TensorFlow* Python libraries for machine learning research in the geosciences
 - Developing and training an ML model to predict soil moisture levels from satellite data
- Resident Assistant (RA)**, Purdue University, West Lafayette, IN August 2018–present
- Building community, advocating student success, and ensuring safety for a floor of 50 residents
 - Trained in conflict mediation, crisis management, suicide prevention, and policy enforcement
- Undergraduate Teaching Assistant (TA)**, Purdue University, West Lafayette, IN June 2018–present
- Instructing and assisting students in the Java programming language in laboratory and office hours
 - Developing course curricula and creating new programming assignments for homeworks, labs, and projects

INVOLVEMENT

Purdue Student Publishing Foundation Board

Chairman of the Board of Directors for the Purdue Exponent

- Managing and budgeting funds totaling over \$4 million, including investments, endowments, and CDs
- Leading procedural deliberations and voting on financial and operational logistics during board meetings

Private Tutor

- Providing comprehensive tutoring in Purdue computer science, mathematics, chemistry, and physics courses

PROJECTS

- *MTKit* – a music theory toolkit, reference source, and training/tutorial application built in Java
 - Implements Java Sound and Audio libraries and an interactive GUI environment

SKILLS

- Proficient in C, C++, Java, Python, MATLAB, LaTeX
- Experience in Android app development, XML layouts, HTML, Julia language
- Advanced Microsoft Excel: Sorting & Filtering, Numerical & Logical Functions, vLookUp, Visual Basic Macros

RELEVANT COURSEWORK

- Java programming • Discrete mathematics • C programming • Computer architecture
- Data structures & algorithms • Real analysis • Advanced linear algebra • Advanced organic chemistry

HONORS & AWARDS

- Student Emcee – College of Science Scholarship Donor Brunch
- Dean's List & Semester Honors
- National Merit Scholarship Competition Finalist
- Craig Wilson Scholarship
- Helen David Henwood Scholarship

- Math Faculty Scholarship