

Chufan (Andy) Gao

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Seeking a summer research internship

Education:

- Purdue University: West Lafayette, Indiana, United States
- Bachelor of Science - Computer Science and Mathematical Statistics. Aug 2020
- GPA: 3.93

Relevant Classes:

- CS180 - Java, CS240 - C,C++, CS250 -- computer architecture, CS251 - data structures
- MA351 - linear algebra, MA353 - linear algebra applications, STAT350 - Introduction to Statistics

Experience:

- Purdue Summer Stay Research
 - West Lafayette, Indiana, United States
 - Summer 2017
 - Acquired experimental data, and wrote a program to determine PPG signal from videos using neural networks under the guidance of a professor
- Purdue Teaching Assistant
 - West Lafayette, Indiana, United States
 - January 2017 - Present
 - Lab Teaching Assistant, ran CS 17700 (Python) Lab and graded labs and homework

Skills:

- C, C++, ARM assembly
 - Level: Intermediate, 1+ years of experience
 - Built a working webcrawler and search engine
- Java, Python, R
 - Level: Intermediate, 1+ years of experience
- Adobe Photoshop
 - Level: Intermediate, 2 years of experience
- HTML, CSS, Bootstrap
 - Level: Novice, <1 years of experience

Achievements:

- Purdue Presidential Scholarship - disbursed based on high academic achievement; leadership and service in school/community
- Gordan L Walker Scholarship - disbursed based on academic achievement in mathematics
- Purdue West Lafayette Dean's list, Honors College Member
- Published two papers: Simple synthesis of new carbon-11-labeled 1,2,4-triazolo[4,3-a]quinoxalin-1-one derivatives for PET imaging of A₃ adenosine receptor. Synthesis of carbon-11-labeled aminoalkylindole derivatives as new candidates of cannabinoid receptor radioligands for PET imaging of alcohol abuse.