

Jonathan Pilafas

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EDUCATION:

William Rainey Harper College – Palatine, IL

GPA: 3.3

Associates in Engineering Sciences – Honors Program

August 2018 – May 2020

- *Relevant Coursework:*

CS 1 & CS 2, Intro to Java Programming, Linear Algebra, Differential Equations, Calculus, Intro to Engineering, Physics, Chemistry, Economics

- *Programming:*

C++, Java, Python, SQL, HTML/CSS, Android Studio, Unix, Linux

WORK EXPERIENCE:

IT Expert System

Schaumburg, IL

Software Developer Intern

June 2018 – August 2018

- As an intern at IT Expert System, I refined my Java programming skills by creating mobile Android apps under the direct mentorship of a professional Android developer as well as the CEO of IT Expert System (Tushar Patel).
- My team integrated a mobile Android app to a Raspberry Pi with IoT technology to have the ability to control the car remotely using the app (via Bluetooth configuration).
- A live demonstration of the mobile Android app and remote-control car was given to the entire company and various members of the community.
- **Tools Used:** Java & Python programming, Android Studio, Raspberry Pi

PROJECTS/SKILLS/ACHIEVEMENTS:

- Studied abroad in Salzburg, Austria & Munich, Germany at Harper College (through Salzburg College) while completing an upper-level German course in summer of 2019
- Member of the Harper College Honors Program
- Developed a photography website (featuring my own photography work) using HTML, CSS, and JavaScript: <https://pilafaspics.000webhostapp.com>
- CS 1 Final Project Examples (using C++): cpp.sh/2uaae
- **Languages:** fluent in English & advanced in German

EXTRACURRICULARS:

Harper Society of Engineers/WiSE

Fall 2018 – Present

- Collaborate with Harper College students to create various engineering projects and volunteer at STEM outreach events

Harper Society of Engineers/WiSE

Fall 2018 – Fall 2019

- Promoted German cultural events around the community as an **executive board member** and managed the club budget and oversee spending throughout the year as the club **treasurer**.

Harper College Jazz Ensemble/Wind Symphony

Fall 2018 – Spring 2019

- **Trumpet performer** and **featured soloist** as a musician in the top musical ensembles available to students and community members at Harper College.