

# Sean Klein

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## EDUCATION

**Council Rock South High School, Top 10% of Graduating Class; GPA: 4.3 SAT: 1420** **Graduated June 2024**

**AP Classes:** US & European History, Psychology, English Language, Computer Principles, Environmental Science, Calculus AB, Physics C, Computer Science A, Statistics

**Purdue University, 610 Purdue Mall, West Lafayette, IN 47907**

**Expected Graduation, May 2028**

## WORK EXPERIENCE

**Action Manufacturing Company, Engineering Intern** Bristol, PA | June 2023 – August 2023

- Built and tested equipment involved in the armament of M107 Warheads
- Integrated decade-old schematics into a virtual catalog for easier access
- Ensured quality control of gear systems used within MK60 fuses for reliable field use

**59 Almshouse (Local Bar & Grille), Busser** Richboro, PA | June 2021 – August 2021

- Applied customer service skills in fast-paced environments, enhancing the overall dining experience

**Abington Neurological Associates, Research Assistant** Abington, PA | June 2021 – August 2021

- Reviewed 500+ patient records to find symptoms predictive of migraine onset
- Managed patient-facing facilities, ensuring proper maintenance of equipment through meticulous inspections and prompt issue resolution

**Taco Bell Cashier, Cashier** Richboro, PA | June 2019 – August 2019

- Juggled responsibilities, addressed service-related needs, managed cashier duties, and oversaw meal orders

## LEADERSHIP EXPERIENCE

**STEM Enrichment of Pennsylvania, Founder & Co-President** Richboro, PA | November 2022 – Present

- Established an organization dedicated to improving youth STEM literacy through partnerships with local businesses
- Successfully conducted a web development workshop with over 10 participants

**STEMist Education 501(c)(3), Hackathon Organizer** San Jose, CA | June 2022 – Present

- Contacted 20+ sponsors, amounting to \$100k+ in prizes
- Helped recruit 650+ participants to the Hackathon
- Developed & led a machine learning workshop during the competition with 15+ attendees

**Technology Club, Co-President & Co-founder** Holland, PA | August 2021 – Present

- Grew club membership from its inception to 50+ active students
- Coordinated nationally renowned speakers from companies such as NASA, Pratt & Whitney, Catalent Pharma Solutions, and Leonardo
- Orchestrated 3D Printing workshop with 10+ attendees to enhance students' practical knowledge and enthusiasm for technology

**Wrightstown Farmers Market, Parking Management** Wrightstown, PA | August 2021 – August 2022

- Dedicated 55+ hours to the local market that promotes healthy soil, produce, pastures, animals, and community well-being
- Engaged in customer service, maintained clean facilities, and ensured a positive shopping experience

**Sigma Alpha Rho: Jewish Youth Fraternity, President of National & Regional Board** Richboro, PA | March 2021 – Present

- Coordinated events with the National Alumni Board, including a food drive with the Jewish Relief Agency
- Fundraised \$5,000+ for my local chapter through Alumni and local donations
- Interviewed by the Jewish Exponent for efforts in the revival and success of Sigma Alpha Rho

## HONORS & AWARDS

**Honors Societies, National Recognition** 2023

- Rho Kappa Honors Society, English Honors Society, Business Honors Society

**Widener Leadership Award, National Recognition** 2023

- 1/129 selected across three states for leadership in/out of school activities

**Final Design Review, National Recognition** 2023

- 1/318 students chosen to present prototype for the ISS in Houston

**Jewish Exponent Article, National Recognition** 2023

- Interviewed for & quoted in the Jewish Exponent for an article on the revival of Sigma Alpha Rho

## SKILLS & INTERESTS

**Technical Skills:** Full stack web development; Coding languages: Java, Python, JavaScript, C, HTML, & CSS; ReactJS; MongoDB

**Language:** Russian (conversational), Spanish (moderate)