

Ethan Knox

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Education

Bachelor of Science | Purdue University August 2017 – May 2021

- Majors: Physics & Mathematics | Minors: Astronomy & Psychology
- GPA: 3.50 | Dean's List (Fall '17, Spring '20) | Semester Honors (Fall '17 - '19, Spring '19 - '20)

Work Experience

Barback | The Tap October 2021 – June 2022

- Assisting and training underneath the bartenders; helping behind the bar.

Research Assistant | Purdue University August – December 2020

- Collaborated with the Iyer-Biswas lab to discover principles governing stochastic single-cell behavior.
- Analyzed and processed individual frames of cell growth using custom Python scripts.
- Summarized progress and clarified treatment of special cases in weekly all-staff meetings.
- Published research can be found at: www.iyerbiswas.com/research/

Sales Associate | Gander Mountain July 2016 – January 2017

- Advised customers in the camping and firearms department using prior scouting experience.
- Organized and stratified product from new shipments to keep the store running smoothly.

Involvement

Boy Scouts of America | Troop 92 February 2010 – June 2017

Assistant Scoutmaster August 2016 – June 2017

- Guided and mentored younger scouts in their positions and progression through the troop.
- Acted as liaison between the scouts and scoutmasters to plan trips and other activities.

- Managed rank advancements, supplies, and maintenance of equipment to support troop operations.

Senior Patrol Leader

August 2014 - August 2016

- Coordinated meetings, outings, and events with individual patrol leaders for the entire troop.
- Communicated responsibilities and duties to other troop members and assisted them in their tasks.

Eagle Scout

August 2016 - Present

- Designed and constructed a new playground for Christ United Methodist Church in Indianapolis.

Awards & Scholarships

- T. G. Alford Scholarship | David R. Lebeson Memorial Scholarship | Frank O'Bannon Honors & Accelerated Scholarships | Provost Summer Scholarship
- Troop 92 Scout of the Year 2016

Skills

Languages/Operating Systems/Environments

- Python | C/C++ | Mathematica | Windows | Linux (Ubuntu/Debian) | Docker

Hobbies & Extracurricular Activities

Whisk(e)y Sommelier | (Level 0)

August 2022 - Present

- Specializing in analytical qualitative description and elucidation.

Brazilian Jiu-Jitsu | Various Gyms

March 2019 - Present

- Building upon high school wrestling experience and continuous self-maintenance.