

Ignatius H. Smith

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EDUCATION

Ohio University, College of Arts & Sciences | Athens, Ohio
Bachelor of Science in Applied Mathematics
Computer Science Minor

May 2020
Major GPA: 3.58

EXPERIENCE & LEADERSHIP

Ohio University Housing & Residence Life | Athens, Ohio
Resident Assistant

August 2017 – May 2020

- Responded to maintenance, wellbeing, and conduct issues for a complex of 350+ residents
- Guided and mentored the 35 residents in my floor section through their transition to college
- Collaborated with 15 coworkers to create an inclusive and cooperative residential living environment
- Educated residents on issues related to diversity & inclusion, time management, and study skills

JP Morgan Chase Code for Good | Columbus, Ohio
Second Place Award Winner

October 2019

- Collaborated with four team members to develop a front-end web application using Bootstrap
- Partnered with a non-profit to develop a mentor/mentee pairing system for underserved students

Hackpalachia | Athens, Ohio

September 2019

JP Morgan Chase “Best Hack for Social Good” Award Winner

- Developed a strategy for implementation of a recycling tracking program that incentivizes sustainability for individuals and businesses
- Presented the concept prototype for a user-friendly mobile app to company and university leadership

Three-Card Poker Research Project | Athens, Ohio
Student Researcher

April 2019 – June 2019

- Examined prior literature on game theory and counter-factual regret minimization (CFRM)
- Synthesized research to develop and code an AI that uses multiple decision strategies to play poker
- Successfully minimized counter-factual regret in a game with incomplete information to find the AI's optimum strategy

Village Mountain Mission | Luperon, Dominican Republic
Volunteer

July 2016

- Worked as part of an intercultural team to construct a permanent home for a family in need

TECHNICAL SKILLS

- Programming languages: proficient in MATLAB, C, and PIC16F family Assembly; worked with Python, Pyret, and Java
- Oracle VM Virtual Box; Linux/GNU shell
- Mathematical Modeling/Integer Programming

HONORS & CERTIFICATES

Boy Scouts of America: Eagle Scout

May 2017

Ohio University Leadership Endorsement

January 2019

LINKS Scholarship Program

August 2016 – May 2020

OHIO Distinction Scholarship

August 2016 – May 2020

OHIO Achievement Scholarship

August 2016 – May 2020