

# JENEVE PILCHER

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## SUMMARY

Dedicated, passionate leader of computer scientists, B.S. Informatics graduate of Indiana University within three years who loves approaching a wide array of new, difficult ideas with research, being a method of positive direction for society, and learning for fun

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## EDUCATION

**Indiana University** – Bloomington, IN  
Bachelor of Science in Informatics, Cognate: Business  
Grace Hopper Scholar

January 2021 – May 2024

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## ACTIVITIES

### **UROC, Undergraduate Thesis – Bloomington, IN**

*Undergraduate Researcher*

August 2022 – May 2024

- Finalized a thesis, ‘Can We Use Language Models to Study Humans? Quantifying the Similarity Between Politically Opinionated LLMs and Humans’ that aims to uncover whether scientists can accurately use LLMs in agent-based modeling
- Simulated beliefs and personas within language models through fine-tuning and prompt-engineering meticulously
- Learned essential thought processes of a scientist and methodological strategies to add to the public’s knowledge

### **Computer Science Club – Bloomington, IN**

*President*

January 2023 – May 2024

*Outreach Director*

January 2022 – January 2023

- Devised the three largest and most connected events IU Luddy had ever had, the first annual programming competitions
  - Gained irreplaceable experience and drive for programming, leading, and innovating that influenced a deep love of science
  - Selflessly leveraged business knowledge to introduce new workflow, branding, and motivation that optimizes balance, connectedness, and productivity within the computer science community, becoming a visionary of students’ success
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## TECHNICAL SKILLS

- **Languages, Web, Libraries, AI** – Python, SQL, Java, Perl, HTML, CSS, LLM, Pandas, Matplotlib, Unity, C (beginner)
  - **OS and Applications** – Linux/Unix, Bash, PowerShell, MacOS, Microsoft 365, Git, GitHub, APIs, VM, Tableau, GDrive
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## EXPERIENCE

### **Observatory on Social Media – Bloomington, IN**

*Research Assistant*

May 2024 – Present

- Informing the direction of LLM integration in agent-based-simulations with consideration for bias and alignment issues
- Searching for safe, reliable usage of LLM personas to study human interaction, opinion dynamics, and information spread
- Uncovering misinformation within the scientific community and working towards meticulous and thorough breakthroughs

### **Vibe Yoga Studio – Bloomington, IN**

*Database Design Intern, Front Desk Attendant*

July 2023 – February 2024

- Taught the company how to optimize online attention through knowledge of Internet algorithms while gaining teaching expertise, academic guidance, strengthened community, and supplementation to academic success through an inspiring hobby

### **Hotplate – San Francisco, CA**

*AI & Business Development Intern*

May 2023 – August 2023

- Trained an ML model to identify potential clients on social media; exercised small world theorem to personally source clients

### **Center of Excellence for Women and Technology – Bloomington, IN**

*Entrepreneurs and Tech Intern*

July 2022 – May 2023

- Built and taught curriculum to encourage the pursuance of entrepreneurship and technology with an empowering community