

# Lucas Zhu

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## Skills

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Proficient: Java, Python, Git, HTML/CSS, Advanced Google Search

Familiar: C, Node.JS, JavaScript, React, MySQL, Adobe Suite, Fusion 360

## Education

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2024 **Computer Science**, University of Pittsburgh  
**Undergraduate** in Bachelor of Science  
**Minor** in Economics  
**Relevant Coursework:** Intermediate Object-Oriented Programming with Java, Algorithms and Data Structures, Discrete Structures, Assembly, Computer Systems

## Projects

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- 07/2021 – present **NBA Handicapping Model**, Github [🔗](#)
- Engineered a handicapping model that produces a prediction of overall winner in a given NBA matchup
  - Utilized four factors of basketball as well as momentum and value strategies to account for overall team performance and hot/cold streaks; built with Python
- 08/2021 – present **Personal Portfolio Website**, Github [🔗](#)
- Designed and coded a website to showcase my previous projects
  - Built with HTML/CSS and Bootstrap 5, hosted on Github Pages
- 07/2021 – present **History Game**, Github [🔗](#)
- A high or low-inspired game that uses historical dates to test your historical knowledge
  - Built with Python
- 03/2020 – 08/2020 **BitBots.trade**
- Independently launched an online trading bot that exchanges bitcoin for in-game currencies, as well as an accompanying website
  - Developed backend using a Bitcoin API, bcoin, Node.JS, and MySQL while customers interacted with the bot through the Steam platform
  - Transacted \$1000+ of customer currency with 50+ users

## Professional Experience

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- 09/2021 – present **Software Engineer**, Mobius Materials [🔗](#)
- Working with React to maintain and update components on front-end marketplace
  - Django backend with PostgreSQL database