

# Jack Van Dyke

Software Developer - Powell, OH

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## Summary of Qualifications

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Motivated software development student from Columbus State Community College with a 4.0 GPA, 6 months of professional training, industry certifications, and projects utilizing relevant programming languages, frameworks, libraries, and tools. NSF S-STEM IST Scholarship award winner. Looking to use proven programming skills and technical aptitude to meet business needs.

## Skills

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- Automation, Testing, Web Development, Machine Learning, Data Analysis, Web Scraping
- HTML, CSS, JavaScript, Java, Python, SQL
- React, NextJS, Spring Boot, Hibernate, AWS, Linux
- Redux, JUnit, Mockito, TailwindCSS, Pandas, Numpy, Sklearn, BeautifulSoup, Playwright, Jupyter
- Communication, Teamwork, Critical Thinking

## Projects

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- **AYRE** - automate your real estate (work in progress for client) <https://ayre.vercel.app/>
  - Ayre utilizes NextJS, Prisma ORM, PlanetScale, Clerk, TypeScript, and Vercel to automatically track and provide real estate teams with a dashboard of relevant information from the MLS.
- **NBA Game Prediction ML Model** - predicts which NBA team will win with 70 percent accuracy.
  - I created this in order to learn python, web scraping, process automation, data cleaning, and machine learning. Everything was done inside a Jupyter Notebook.
  - Basketball-reference and rotowire are web scraped for previous box scores and daily lineups.
  - Scraped data is extracted, cleaned, transformed, and loaded into parameter-tuned classifiers to output predictions. Unique advanced player statistics were created in order to increase effectiveness of modeling.

## Experience

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- **GenSpark** - Full Stack Java Developer Trainee **May 2022 – December 2022**
  - Built APIs with Java, Spring Boot, Hibernate, and MySQL utilizing GitHub and Trello within a team environment.
  - Built frontends with React and TypeScript utilizing GitHub and Trello within a team environment.
  - Implemented backend security features with Spring Security, JWT's, Cookies, and Redux.

## Certifications

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- **Amazon Web Services Cloud Practitioner**  
Awarded By: Amazon Web Services
- **Java Full Stack**  
Awarded By: GenSpark

# Education

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- **Software Developer’s AAS** - Columbus State Community College 2023-2024  
GPA: 4.0
- **High School** - Hudson High School 2013-2017  
GPA: 4.1  
ACT: 34