

# Michael Whitlock

Software Engineer II

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## Michael Whitlock

1012 Vanizer Street  
Charlotte, NC 28208

267.530.8665

michael.whitlock@bofa.com

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## Skills

Java, Spring, Oracle, Jenkins, Tower, Git, C, C++, C#, A\*, RRT\*, GLSL, OpenGL, LISP, ProLog, Python

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## Experience

### Bank of America / Software Engineer II

June 2022 - PRESENT, Jersey City, NJ

- Java development with Spring framework to assist in maintenance/expansion of REST API middleware services
- Coordinate with team around release activities by drafting DTS document and scheduling tasks with multiple teams involved
- Refactor Spring middleware service
- Acquire and document knowledge on deployment through Openshift
- Share KT with teammates whenever possible

### Bearable Games / Founder

January 2020 - June 2022, North Haledon, NJ

- Developed Massively Multiplayer game in Java
- Created RESTful APIs grouped into several microservices with Spring boot
- Created collaborative suite of build tools to facilitate content creation
- Leveraged pathfinding algorithms, bearer tokens, and Steam API

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## Education

### Ramapo College / Bachelors of Science., Computer Science

Jan 2020 - May 2022, Mahwah, NJ

Co-authored machine learning paper to classify hand gestures

Focused on robotics, interactive gaming, pathfinding, and SQL

Developed a fully functional Multi-User Dungeon integrated into Discord

### Bergen Community College / Associates, Technical Studies

Jan 2020 - May 2020, Paramus, NJ

Focus on Assembler and Graph theory

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## Publications

“Effectiveness of Classifiers to Identify Hand Gestures with Motion Capture Coordinate Markers,” IEEE Xplore Digital Library, Jan 2021