

DEE CHOU

FULL STACK / SENIOR SOFTWARE DEVELOPER

PROFILE

Accomplished software developer who has been coding since middle school and has worked in commercial, government, and military sectors.

Focuses have been on Big Data, Machine Learning, and Data Science.

Personal projects have included video games, websites and mobile applications.

CONTACT

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🌐 github.com/deechou

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Woodbridge, VA
22191

EXPERIENCE

META FOX PRODUCTIONS

2022 - 2023

TECHNICAL LEAD

Implemented movement, shooting, and other basic character functions. Created enemy designs, enemy AI, spawners, and attacks. Generated levels using homemade assets. Helped add multiplayer functionality using Unity Netcode. Used Plastic SCM for version control and to conduct code reviews. Created character models in Blender. Helped manage division of labor through Codecks.

CAPITAL ONE

2019 - 2021

SENIOR ASSOCIATE / Bank Fraud

Worked to defend against ATO Bank Fraud using machine learning and data science techniques on Big Data sets. Developed Java REST APIs and microservices for event processing. Created and maintained Redis databases. Collected and analyzed data and metadata to inform our machine learning algorithms using Python, Apache Spark.

BOOZ ALLEN HAMILTON

2016 - 2018

SENIOR CONSULTANT / Analytic Services

Technical Lead of Ten-Person Scrum Team. Member of the Analytics Architecture Team for a 150-person program. Helped create software for Intel Analysts to solve Big Data problems. Developed a Complex Event Processor to perform ETL and analysis of streaming intelligence data. Create and implemented Spark Analytics. Used ELK stack to create visualizations of data streaming through our systems for clients.

UNITED STATES ARMY

2013 - 2021

SIGNALS INTELLIGENCE ANALYST / US ARMY Reserves

TS/SCI clearance with CI Polygraph. Top Graduate and First Squad Leader at AIT. Performed signals intelligence research and analysis producing tactical and operational SIGINT products related to insurgent activities and threats to regional stability within the area of responsibility.

EDUCATION

University of Maryland

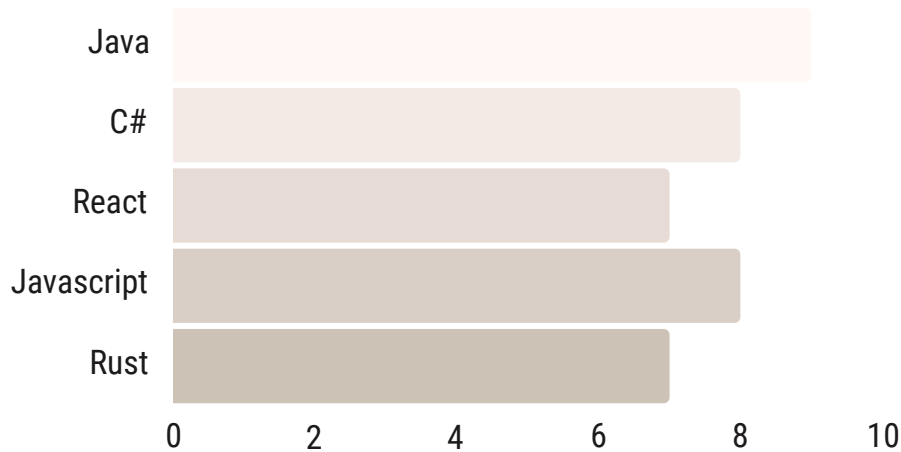
Graduated 2016

Bachelor of Science, Computer Science

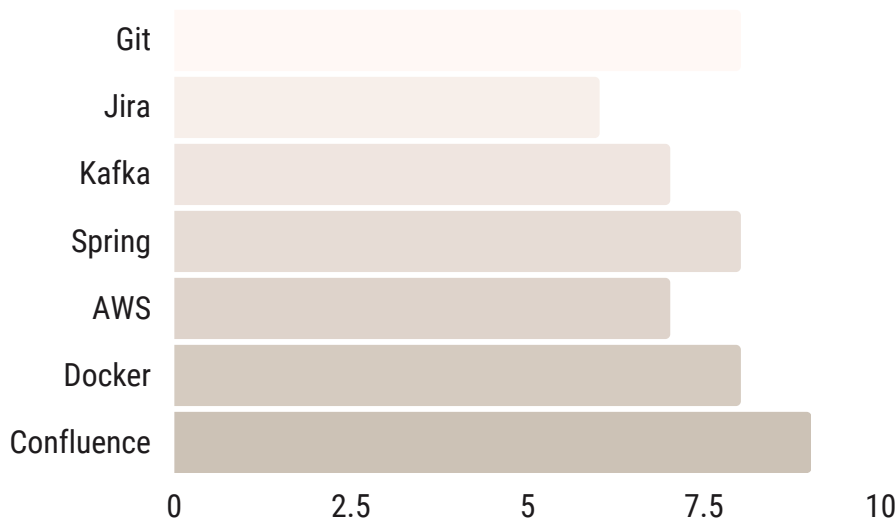
College of Computer, Mathematical and Natural Sciences

SKILLS

CORE LANGUAGES



TECHNOLOGIES AND FRAMEWORKS



CERTIFICATES

EpicReact React Fundamentals Workshop
EpicReact React Hooks Certification
EpicReact Advanced React Hooks Certification
EpicReact Advanced React Patterns Certification
Consensys Academy Blockchain Essentials

AFFILIATIONS

Agile Alliance

Member

Global nonprofit organization dedicated to promoting the concepts of Agile software development as outlined in the Agile Manifesto

Terrapin Hackers

Member

Terrapin Hackers educates students and the wider campus community in recreational programming and electronics, with the hope that this eventually leads to successful entrepreneurial activity.

THANK YOU
