

Shakhar Dasgupta

SOFTWARE ENGINEER

58 Cherrywood Ln, Rome, NY 13440

☎ (315) 677-1450 | ✉ shakhardasgupta@gmail.com | 🏠 shakhar.com | 📱 sha224 | 🌐 shakhar-dasgupta

Education

State University of New York at Oswego

BS IN SOFTWARE ENGINEERING

Oswego, NY

Aug 2015 - May 2019

- GPA: 3.68
- President's List: Spring 2017, Fall 2018, Spring 2019
- Dean's List: Fall 2015, Spring 2016, Fall 2016, Spring 2018
- Scholarships: Dean's Scholarship, Destination Oswego Scholarship

Relevant Coursework

- Principles of Programming, Abstract Data Types and Programming Methodology
- Foundations of Computer Science, Systems Programming, Programming Languages, Data Structures and File Processing
- Computer Networks, Parallel Computing, Software and Safety Requirements Engineering
- Software Engineering, Software Quality, Software Design, Software Deployment, Software Engineering Project Seminar
- System Simulation and Modeling, Game Programming, Image Processing, Cryptology, Sensors/IoT
- Calculus I, Calculus II, Calculus III, Matrix Algebra, Introduction to Discrete Mathematics, Statistics in Sciences
- University Physics I, University Physics II

Skills

Programming Languages Java, C, C++, Python, JavaScript, SQL

Software Tools Git, JUnit, CI/CD(Bamboo), Maven, Gradle

Work Experience

BAE Systems, Inc.

SOFTWARE ENGINEER

Rome, NY

June 2019 - Present

- Maintain and enhance various services in the GXP Platform Software

BAE Systems, Inc.

SOFTWARE ENGINEERING INTERN

Rome, NY

May 2018 - August 2018

- Worked as part of the GXP development team to do daily tasks like bug fixing and feature enhancements
- Gained experience in various Java related technologies like OSGI and Apache Camel

Residence Life and Housing

RESIDENT ASSISTANT

Oswego, NY

Aug 2017 - May 2019

- Built a friendly community for residents and collaborated with other RAs to develop in-hall programs
- Enforced college policies and state laws on campus
- Assisted the department in hiring new Resident Assistants

Achievements

- Won the Best Developer Tool award at RIT BrickHack 2016 Hackathon for developing software to control basic git operations using EEG signals
- Won an award from the Sigma-Xi and the ORSP for research on using Electroencephalogram (EEG) signals to control car
- Won the first runner-up position at Launch It Student Business Competition
- Won an award from the Sigma-Xi and the ORSP for developing software to aid blind people by converting images to voice using IBM Watson API
- Built an Android game for Software Engineering course which allows users to compete against each other by catching astronomical transients
- Participated in ACM International Collegiate Programming Contest 2015, 2016 and 2017 representing teams of SUNY Oswego