

## Mark “Guy” Kachur

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Available: May - December 2019

### EDUCATION

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#### Northeastern University, San Jose CA

Khoury College of Computer Sciences, GPA 3.8/4.0

Candidate for Master of Science in Computer Science

Relevant Coursework:

- > Object Oriented Design, Algorithms, Data Structures, Systems, Software Development, Web Development, Mobile Development

January 2018 - Present

Expected Graduation: May 2020

#### University of California, Merced CA

Bachelor of Science in Biological Sciences

August 2014

### TECHNICAL KNOWLEDGE

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**Languages:** C++, Java, HTML, Python, BASH, PowerShell, LISP, CSS, C, JavaScript, Kotlin, Node.JS

**Systems:** Windows XP/7/10, Mac OS, Linux

**Software:** Microsoft Office Suite, Adobe Creative Cloud, Git, Jira, Jenkins, SonarQube, AWS

**IDEs:** IntelliJ, PyCharm, Visual Studio, Eclipse, Android Studio, Unity

**Certifications:** Activity Director, Eagle Scout

**Soft Skills:** Customer Service, Verbal & Written Communication, Event Organizer, Teamwork

### ACADEMIC PROJECTS

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#### Scalable AWS Deployed Chat Server

December 2018

- > Working within a group to develop and deploy IM Chat server using Java and Amazon Web Services

#### Customizable Object-Oriented Card Game

August 2018

- > Designed and implemented card game system in Java capable of playing a variety of games such as Go Fish, Blackjack, etc.

#### Distributed Real Time Game

May 2018

- > Created client and server to run distributed real time game world capable of expansion using racket.

### WORK EXPERIENCE

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#### Northeastern University, San Jose, CA

January 2019 - Present

Master's Teaching Assistant Object Oriented Programming

- > Mentoring 50+ students in OOP design principles using C++ and Java
- > Contributing as part of teaching team to develop and communicate educational goals

#### Legacy Nursing and Rehabilitation, Martinez, CA

January 2015 - January 2016

Activity Director

- > Managed employees to plan, develop, and implement diverse daily activity programs in a nursing facility
- > Initiated refactoring of group software usage using Windows Group Policy resulting in an increased direct nurse and patient interaction time.
- > Contributed as part of the managerial team to help solve issues, provide customer service, and prepare for state recertification survey, resulting in no deficiencies in department

#### Office of Student Life University of California Merced, Merced, CA

August 2013 - May 2014

Social Justice Intern

- > Initiated weekly events dealing with local and national issues
- > Organized UC Merced's month-long cultural identity learning and celebration events
- > Coordinated social justice retreat addressing grassroots skills deficiency needed by professional students on campus causing an increase in direct student involvement within programs.