



Mohamad Mounir Safadieh

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Education

VASSAR COLLEGE, B.A. IN COMPUTER SCIENCE; POUGHKEEPSIE, NY **EXPECTED MAY 2021**
Relevant Coursework: Data Structures and Algorithms, Foundations of Computer Science, Computer Organization

Professional Experience

RESEARCH ASSISTANT, AFRICANA STUDIES DEP. AT VASSAR COLLEGE **SEPT 2018 - PRESENT**
- Increased task efficiency by developing Python tools that automate research tasks
- Analyze and categorize movies and documentaries on the Syrian refugee crisis

LAB ASSISTANT, PSYCHOLOGY DEP. AT VASSAR COLLEGE **MAY 2018 - AUGUST 2018**
- Researched psychological literature to understand variations of given task
- Developed a customizable cognitive motor task in JavaScript to be used for psychological research
- Developed a wrapper in Python injecting the JavaScript code in Qualtrics JSON surveys

IT DESK EMPLOYEE, CIS AT VASSAR COLLEGE **SEPT 2017 - MAY 2018**
- Resolved tech-related issues and documented repair instructions
- Delivered & assembled computer parts and accessories

Volunteer Experience

CHAIR OF OUTREACH, VC++ COMPUTER SCIENCE CLUB **SEPT 2018 - PRESENT**
- Doubled turnouts to bi-weekly hack nights
- Participate in planning and organizing weekend hack nights

DIGITAL EDITOR, VASSAR POLITICAL REVIEW **DEC 2017 - MAR 2018**
- Independently designed and maintained online news website
- Increased readership by reaching out to students and student organizations

Skills

Proficient in: Java, Python, Racket

Familiar with: C, CSS, HTML, JavaScript, LaTeX

Languages: English (fluent), Arabic (native), French (proficient)

Projects

BALLOON ANALOGUE RISK TASK (BART) TOOL
- Designed a web-app that tests user's risk proneness for a psychology research program
- Written in: HTML, CSS, JavaScript

IMPLEMENTATION OF RSA ENCRYPTION ALGORITHM
- Developed a working implementation of the RSA encryption algorithm for educational purposes
- Written in: Python