

# JORDAN ABU-SIRRIYA

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Software engineer with a background in national security policy. I have experience in developing applications in JavaScript, Node.js, Express.js, React, Python, and Flask. Additionally, I have extensive experience in research, analysis, and collaboration as a White House Associate, Fulbright Scholar, and research analyst at Georgetown University. Finding solutions to complex problems and building applications that simplify our lives is my passion.

## EDUCATION

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### GENERAL ASSEMBLY SOFTWARE ENGINEERING INTENSIVE BOOTCAMP

Graduated December 2020

Over 700 hours of attending lectures, completing course work, and creating four projects.

### GENERAL ASSEMBLY: PYTHON PROGRAMMING WITH DATA SCIENCE

Graduated August 2020

Gained strong foundational understanding of Python, and used Pandas and Jupyter Notebook for data visualization.

### GEORGETOWN UNIVERSITY; Washington, DC

Graduated May 2020

MA Security Studies; National Security and Technology Concentration; GPA: 3.85

### NORTHERN STATE UNIVERSITY; Aberdeen, South Dakota

Graduated May 2016

BA Political Science and BA Communication Studies; GPA: 4.0

## TECHNOLOGIES

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Python | JavaScript | JSON | jQuery | ReactJS | Express.js | Node.js | HTML5 | CSS3 | Bootstrap | RESTful | Flask | AJAX | APIs | MongoDB | Mongoose | MySQL | PostgreSQL | Git | SEO | Heroku | GitHub | Web Development | Website Maintenance | Object Oriented Programming | APIs | Python-Pandas | NumPy | Jupyter Notebooks

## PORTFOLIO & PROJECTS

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### Food Central Ordering Application

- Users can select a specific restaurant, add, edit, and delete menu items in their cart and order. Once the order is submitted, the user can see their previous orders.
- Created application with MERN stack using JavaScript, Node.js, Express, and MongoDB for holding the users' orders, restaurants, and restaurants' menu items.
- Utilized React, HTML5, and CSS for creating the frontend and connecting it to the backend and MongoDB.

### Easy-Budgeting

- This application helps users organize their finances. After signing in, the user can add a transaction to a specific account with the amount and description—such as “bought t-shirt” or “sold car”. The transaction will then be added to the “List Transactions” page. The user can also see their checking, savings, and cash-on-hand accounts updated.
- Developed the application using JavaScript, Node.js, and Express. Data regarding the individual users, and the users' monetary accounts is stored in a MongoDB database.
- Utilized React, HTML5, and CSS for creating the frontend and connecting it to the backend and MongoDB.

### National Parks Search

- This application provides users one location to search for any U.S. National Park, then users can create, edit, and delete any comments that they have written on a specific national park page.
- Developed the application with full CRUD functionality using JavaScript, Node.js, and Express. Data regarding the national parks and users' comments is stored in a MongoDB database.
- The frontend of the application was created using EJS, CSS, and HTML5.

## Snowman Game

- Applied HTML5 and CSS to create the visual layout of the Snowman Game, and utilized Canva to display the snowman falling apart when letters are incorrectly selected.
- Utilized JavaScript and jQuery to create the functionality and logic of the game.

## WORK EXPERIENCE

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### GEORGETOWN UNIVERSITY

*Teaching Assistant, Dr. Daniel Byman – Washington, DC*

**Summer 2019-Summer 2020**

- Vetted and regularly updated all terrorism theory content and historical examples in Terrorism/Counterterrorism course.
- Monitored and reviewed students' responses/essays, and addressed students' content questions and technical problems.

*Research Assistant, Dr. Tammy Schultz – Washington, DC*

**Summer 2019**

- Compiled economic and political data—such as inflation rates, youth bulge rates, unemployment rates, median age, GDP, poverty level, and life expectancy—on African and Arab states where political revolutions occurred from 2005-2019. After, I examined any correlations between these economic data points and the revolutions in Africa and the Middle East.
- Compiled data on emerging gigantic cities (10-50 million people), and sought to understand how urbanization will impact future wars.

### SUTTON FOR SOUTH DAKOTA GOVERNOR

**Fall 2017-Summer 2018**

*Policy Researcher/Assistant Finance Manager – South Dakota*

- Researched and developed policy proposals on S.D.'s criminal justice, tax, education, and healthcare systems.
- Vetted every Senate resolution in the 2018 S.D. Legislative Session and recommended a vote on each resolution to the candidate.
- Searched for new donors in the region and raised over \$3 million—the most ever raised by a Democratic candidate in S.D.

### FULBRIGHT SCHOLARSHIP

**Fall 2016-Summer 2017**

*Ahlia University Lecturer – Bahrain*

- Lectured on all English university courses, graded, and wrote a proposal for the French-English translation program at Ahlia University.
- Conducted research about the 2017 Qatar Diplomatic Crisis and published "Qatar-Iran Economic Relations Will Improve, Contrary to Saudi Arabia's Intent" in *Foreign Policy Journal*.

### SOUTH DAKOTA LEGISLATIVE RESEARCH COUNCIL

**Spring 2016**

*Intern-House Democrats – South Dakota*

- Worked with South Dakota's Legislative Research Council on drafting bills, and formulated remarks for representatives' speeches.
- Summarized and presented on all bills in House Education, Health and Human Services, Judiciary, and Local Government Committees.

### THE WHITE HOUSE-OFFICE OF PRESIDENTIAL PERSONNEL

**Fall 2014**

*Intern-Outreach and Recruitment Team – Washington, DC*

- Vetted hundreds of candidates and produced concise reports on each potential candidate for top-level staff.
- Assisted with Presidential Personnel event logistics, ranging from 50 to 300 guests at the White House.