

# Saadiq A. Jones

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## Technical Skills

Programming Languages	Databases	Tools	Frameworks/Libraries
Java	SQLite	Git	Node.js
Python	MongoDB	GitHub	Express.js
C/C++	Firebase	Docker	React.js
Html5/CSS3	SQL server	OpenCV	React Native
JavaScript ES6		ROS	ASP.NET
C#		Ubuntu	Flask
Bootstrap			Django

## Projects

<b>Soup'er</b>	<b>2020 – Present</b>
<ul style="list-style-type: none"><li>Manufactured application to connect communities affected by the Coronavirus pandemic to local food pantries and soup kitchens</li><li>Adapted personal project to be properly scaled for volunteered community usage by the Pittsburgh JFCS</li><li>Adding logged-in user-specific functionality for food pantries to add profiles to the database</li><li>Features: User Authentication, CRUD Functionality, Google Maps API</li><li>Technology Utilized: React Native, Express.js, Node.js, MongoDB, JavaScript ES6</li></ul>	
<b>Budgeting / Finance Alert Portal</b>	<b>2019 – Present</b>
<ul style="list-style-type: none"><li>Designed simple Financial Portal to track budgets, monitor credit score refresh times and alert users of insufficient funds</li><li>Adding user ability to link other accounts and bank cards to the portal to facilitate automated portal usage</li><li>Joining stock analyzer and trade algorithm to experimental features section of code base for user utilization</li><li>Features: User Authentication, CRUD Functionality</li><li>Technology Utilized: Bootstrap, C#, ASP.NET MVC 5, SQL server with Entity Framework</li></ul>	
<b>Spanish Learning Platform</b>	<b>2020 – Present</b>
<ul style="list-style-type: none"><li>Developing learning platform to supplement learning spanish for High School students in the greater Pittsburgh area</li><li>Adding Teacher profile to allow teachers to add specific questions for students</li><li>Connecting user profiles to allow for use within classrooms</li><li>Technology Utilized: Python, React.js, Django, SQLite</li></ul>	
<b>Pitt Robotics &amp; Automation Society</b>	<b>2020 – Present</b>
<ul style="list-style-type: none"><li>Collaborated with Perception-Localization team to define 3D bounding boxes for data augmentation in Indy Autonomous Challenge using ANSYS Driving Simulator and Ansys SCADE</li><li>Currently attempting to utilize lidar point clusters for Computer Vision within the simulation</li><li>Technology Utilized: ROS, OpenCV, Docker, C++, Python, Ubuntu</li></ul>	

## Work Experience

<b>University of Pittsburgh – GeoPacha Satellite Imagery Prospecting Intern</b>	<b>2020 – Present</b>
<ul style="list-style-type: none"><li>Surveyed stratified map grids for potential archaeological dig sites and assessed locus point confidence levels</li><li>Cataloged similarities between Pukaras to designate regional clusters for follow-up research</li><li>Crafted directed research paper on results from GeoPacha survey focusing on distribution of Andean Pukaras</li></ul>	
<b>University of Pittsburgh – Undergraduate Teaching Assistant</b>	<b>2020 – Present</b>
<ul style="list-style-type: none"><li>Assisted Professor with class preparation and lead review sessions for students outside of class time.</li><li>Generated Lab questions for students to assess retention of information taught in lecture</li><li>Taught recitation section for CMPINF 401: Intermediate Programming in Java</li></ul>	
<b>UPMC Shadyside Hospital – Food Service Attendant</b>	<b>2018 – Present</b>
<ul style="list-style-type: none"><li>Inventoried all hospital pantry supplies, prepared and delivered meals to patient rooms</li></ul>	
<b>Shannopin Country Club – Dishwasher and Prep Cook</b>	<b>2018 – 2020</b>
<ul style="list-style-type: none"><li>Undertook basic cooking duties, maintained kitchen through sanitizing surfaces, and garbage disposal</li></ul>	

## Education

<b>University of Pittsburgh- Pittsburgh Campus</b>	<b>Dean's List</b>
<b>Dietrich School of Arts and Sciences, School of Computing and Information</b>	<b>Major GPA - 3.14</b>
<b>Bachelor of Science: Computer Science and Physical Anthropology</b>	<b>Graduation 2021</b>
<b>Extracurriculars:</b> University of Pittsburgh Varsity Marching Band – Drumline Base Squad Leader, Pitt Robotics & Automation Society – Member, Pitt Computer Science Club – Member	
<b>Relevant Coursework:</b> Data Structures, Discrete Structures for Computer Science, Algorithm Implementation	