

# IRINEL BANDAS

(847)-409-5884 ♦ iribandas@gmail.com  
https://www.linkedin.com/in/irinel-bandas  
https://github.com/ibandas

## EDUCATION

<b>Northwestern University</b> Master of Science in Computer Science Specialization: Software Engineering and Artificial Intelligence	September 2019 - June 2020 Overall GPA: 3.73/4.0
<b>Loyola University Chicago</b> Bachelor of Science in Computer Science	August 2014 - May 2018 Overall GPA: 3.46/4.0

## EXPERIENCE

<b>VillageMD</b> <i>Site Reliability Engineer</i> <ul style="list-style-type: none"><li>Streamlining on-boarding process by integrating ADP to Azure's Active Directory.</li><li>Automated cost coverage of AWS EC2 instances in Terraform, increasing coverage from 30% to 75%.</li><li>Developed a file monitor tool that alerted of missing critical healthcare files in realtime to stakeholders by creating a JIRA ticket with all relevant information.</li><li>Refactored and expanded an Airflow task monitor tool to alert in Teams channels in realtime of tasks that have failed, hung, did not kick off, or new tasks that have not been registered yet.</li></ul>	June 2019 - Present
<b>Geneva Trading</b> <i>IT Support / DevOps Engineer Intern</i> <ul style="list-style-type: none"><li>Developed an automated system in Python that alerted of a silent error in a core trading application, bringing downtime from a full day to 5 minutes.</li><li>Contributed to and revamped design documentation and unit testing of legacy applications.</li></ul>	February 2018 - July 2018

## PROJECTS

<b>WeFit - iOS &amp; Web Social Fitness Application</b> <i>Swift, React, JavaScript, Bootstrap, NoSQL, Cocoapods, Xcode, Firebase, Asana</i> <ul style="list-style-type: none"><li>Startup focused on enabling users to learn from others and compete with others in fitness.</li><li>Developing and iterating the product with weekly sprints depending on feedback from users.</li><li>Created and pitched a demo to investors of user interaction between users' fitness challenges that led to a contact with the co-founder of Strava.</li></ul>	Software Engineering & Entrepreneurship
<b>Study Stats - Web Application</b> <i>React, JavaScript, Firebase, Bootstrap, Node.js</i> <ul style="list-style-type: none"><li>Crowd sourced web application to gauge the difficulty of a class or specific assignment.</li><li>Record comments and how many hours were spent on an assignment.</li><li>View the median time spent along with user feedback on an assignment.</li></ul>	Software Innovation for Rapid Prototyping
<b>Tweet Analyzer for Golden Globes</b> <i>Python, Pandas, NLTK, Regex, IMDB API</i> <ul style="list-style-type: none"><li>Scraped 140k tweets of the Golden Globes from each year to pull out relevant tweets by utilizing Regex.</li><li>Used NLTK for name based entity recognition to pull out the names of people and titles in the relevant tweets.</li><li>Took advantage of Pandas to filter IMDB's database in order to match names to actors and films.</li></ul>	Natural Language Processing

## SKILLS

<b>Programming Languages</b>	Python, C#, Java, Swift, C++, JavaScript, Bash, Powershell, SQL, NoSQL
<b>Backend Tools</b>	Amazon Web Services, Azure, PostgreSQL, Firebase, Terraform, Ansible, Docker
<b>Frontend Tools</b>	HTML, CSS, React, ReactNative, Angular, Bootstrap
<b>Other</b>	TDD, Node.js, Github, Bitbucket, Jira, Pandas, Unix, Scripting, Testing, Linux