New York, NY

ANOUER HERMASSI

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EDUCATION

Hoboken, NJ	**Stevens Institute of Technology**	**Jan 2019 – May 2020**

- M.S. in Computer Science, GPA 3.9
- Relevant coursework: DBMS, TCP/IP Networks, Quantum Computing

Tunis, Tunisia	**University of Tunis El Manar**	**Sep 2014 – Jul 2018**

- B.S. in Computer Science
- Relevant coursework: Distributed Systems, Web Services, API Design, Operating Systems, Data Warehousing

Monroe, LA	**University of Louisiana at Monroe**	**Aug 2015 – May 2016**

- Exchange program, U.S. Department of State's Thomas Jefferson Scholarship

EXPERIENCE

Software Engineer, Intern	**Sentiance**	**Feb 2018 - Aug 2018**

Antwerp, Belgium

- Implemented the streaming processing of a major data pipeline, allowing customers to have real time insights and boosting customer satisfaction by 25%
- Reduced deployment time of the team by 70% after replacing the old Jenkins pipeline using Pipeline as Code
- Improved the computing speed and memory usage of different microservices by 35% by making Kafka messages 8 times smaller in size
- Refactored a legacy microservice, raising test coverage from 6% to 80% and fixing 57 vulnerabilities
  Technologies: Kafka, Kafka Streaming, Java, Groovy, AWS, Jenkins, Docker

Web Developer, Intern	**Monroe Housing Authority**	**Jan 2016 – May 2016**

Monroe, LA

- Implemented requested changes to the agency's website which lead to 53% increase in page views per session
- Migrated Joomla to WordPress, reducing the latency of website by 65%
- Built an online housing application tool which resulted in a simplified process and 85% applicant satisfaction
  Technologies: Joomla, WordPress, JavaScript

PROJECTS

AWS Resources Patrol
- Tool that sends a daily email notification with the list of the running AWS instances for an AWS account
- It covers the following services: EC2, RDS, Redshift, Elasticsearch, as well as a usage cost summary

Events Countdown
- CLI utility that counts down the time to upcoming events
- The user can add new, remove existing, and clear expired events

Speak the Speech
- Program that generates Text-to-Speech from a multi-speaker conversation using Amazon Polly
- It can also produce separate audio segments for each of the individual speakers

GoFundMe Clone
- Simple GoFundMe clone built using Node.js, Express, and MongoDB
- Users can start their fundraisers and donate to existent campaigns

TECHNICAL SKILLS

- Java, Python, C, SQL, JavaScript
- MySQL, MongoDB, PostgreSQL, Node.js, Express, Kafka, AWS, Docker, Jenkins
- Linux, Git, Vim, SonarQube