

Samih Sghier

639 38th ST, IL
Chicago
☎ (+1) 309 270 6880
✉ samihsghier16@augustana.edu
📄 <https://samih-sghier.github.io/portfolio>

Work experience and Projects

- Summer 2019 **Software Engineer Intern, Scholastic Inc. New York City.**
- Wrote, tested, deployed and monitored large scale microservices and distributed systems.
 - Utilized Spring Boot framework to develop Restful API services in Java.
 - Developed entire new API service that decreased AWS annual fee by 20,000\$.
 - Daily stand ups, weekly grooming, retrospective and sprint planning, agile and scrum tools (Jira).
 - Team code review.
 - Built a client web application, using Spring MVC running on a Tomcat Server, that handles API calls to the B2C IAM backend that retrieves and parses cryptographic information from WebAuthN authenticators.
 - Received a full-time return offer.
- Summer 2018 **Software Engineer Intern, Metrolink Inc. Chicago.**
- Developed new user interface with backend ties (React, Angular ...).
 - Wrote automated QA testing scripts (Selenium, Cucumber...).
 - Daily stand ups.
- August.2017-December 2017 **Course Project, CSC-285 Software development**, Development of a Game Engine similar to Oregon Trail using javafx, libgdx. .
- Scrum master, mediating the general conflict of goals between development team and helping the team to maintain their scrum tools (story board, action board, charts, backlogs, UML).
 - Wrote extensible code in a team environment, Github (UML, available on my website).
- Discovery **Mathematics Tutor, Augustana College - Rotman Trading Competition.**

Education

2016 – 2020 **Bachelor's in Computer Science, Mathematics & Finance, Augustana College.**

Technology Summary

Languages: Java, Python, Swift, C++, C
Frameworks: Spring MVC, Angular.
Web/Lib: HTML5, CSS, JavaScript, React, Node.js, Angular, pHP.
Softwares: Openshift, Docker, AWS, Bitbucket, Github, Postman, Swagger, GraphQL
Databases: MongoDB, mySQL, SQL, Elastic Beanstalk.

Languages

- French Mother tongue (DALF)
- Arabic Mother tongue
- English Fluent
- Russian Beginner

Research and Personal Projects

- Research
- Independent research-study during the Summer of 2017 about Facebook's old news feed ranker "EdgeRank", the research is available on my portfolio website.
 - Research proposal, for the HAL (Human and Automation) laboratory led by Dr.Cummings Duke University-REU 2018, involving UAV's: Autonomous Law Enforcement Unmanned Aerial Vehicles.
 - Research project involving Cryptocurrency: Data Insertion in Bitcoin's Blockchain.
- Personal Projects
- Engineered, coded robot for the 2018/2019 robotic challenge at Augustana College using leJOS EV3.
 - Contributor to opensource softwares.
 - Co-Founder/Developer (www.yourcollegechecklist.com), developed an e-commerce website that allows students to exchange college textbooks/supplies using php, html5 and javascript, hosted website on AWS (EC2)..