HALIL ONUR ARSLANTURK

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Well-rounded software engineer with career-long record of success and recent graduate degree in CIS/cybersecurity

Results-driven, accomplished Full-Stack Developer highly regarded for developing applications that meet and exceed demanding corporate and client requirements. Sought for superb analytical skills, with the ability to solve challenging problems using a combination of industry standard and cutting-edge technologies, delivering clean, well-structured code. Skillset to work compatibly with clients to understand requirements and develop products that exceed quality expectations with on-time delivery. Strong team leadership skills and ability to collaborate with individuals from diverse backgrounds. Exceptional academic qualifications include a MS in Computer Information Sciences from Harrisburg University of Science & Technology.

CORE COMPETENCIES

- Object-Oriented Programming
- Network Admin/Security
- Client Relations
- Cross-Functional Collaboration
- User Testing/Support
- Machine Learning
- Version Control
- Data Analysis
- Algorithms

PROFESSIONAL EXPERIENCE

SNOW JOE LLC, HOBOKEN, NJ
FULL-STACK DEVELOPER, OCTOBER 2020 TO FEBRUARY 2023
JUNIOR FULL-STACK DEVELOPER, JANUARY 2019 TO OCTOBER 2020
Tech Stack: C#, JavaScript, HTML, CSS, ASP.NET MVC, jQuery, Vue.js, Vuetify, Bootstrap, MSSQL, Git, XSLT
- Oversaw the development and updates of 50+ various size custom .NET applications to maximize operational efficiency.
- Developed an order picking web app that improved shipping times by 80%.
- Increased the efficiency of a report generation application by 93%+.
- Bridged communications with internal teams to align objectives and drive the launch of a robust application managing all Canadian operations, handling 10k+ orders daily.
- Enabled marketplace API integrations such as Amazon with the company's ERP system (Microsoft GP Dynamics) to perform account, listing, inventory, fulfillment, and order management that handles over 10k+ orders per day.
- Garnered advanced knowledge of all aspects of the software development life cycle, from requirement gathering to designing and communicating with clients and team members to provide efficient and scalable solutions.

VEHWARE, BINGHAMTON, NY, SEPTEMBER 2017 TO MAY 2018
SOFTWARE DEVELOPER
Tech Stack: C++, OpenCV, GitHub, Agile
- Conceptualized door and distance detection algorithms to enhance wheelchair accessibility features.
- Coordinated the implementation of a multimedia analysis system on Linux and Microsoft environments.
- Conducted testing and modifications of various computer vision algorithms per project needs.
- Maintained consistent record of delivering projects under demanding timelines and strict budgetary constraints.

ISNET, ISTANBUL, TURKEY, SUMMER 2017
NETWORK SECURITY INTERN
Tech Stack: Network Security, Firewall, CDN
- Improved company's security through firewall configurations and implementation of security protocols.
- Performed configuration of the Arbor Network CDN device to mitigate DDoS attacks.

TELEMED, ISTANBUL, TURKEY, JANUARY 2017 TO APRIL 2017
SOFTWARE DEVELOPER
Tech Stack: C++, ITK, VTK, DCMTK, QT, Gitlab
- Created a 3D MRI visualization program for DICOM images.
- Established cross-platform GUI for desktop applications.
- Optimized the histogram algorithm through calibration tweaks and parameter adjustments, leading to enhanced accuracy in 3D MRI visualizations.

BU COMPUTER VISION RESEARCH LAB, BINGHAMTON, NY, MAY 2016 TO AUGUST 2016
RESEARCH ASSISTANT
Tech Stack: Python, OpenCV
- Contributed insights to optimize machine learning algorithm accuracy with Python programming.
- Participated in the development of a facial recognition algorithm as part of a collaborative project.
- Collaborated across functional areas within the laboratory and departments across the university.
- Documented results and actions taken for use in articles and presentations.

EDUCATION AND CREDENTIALS

MASTER OF SCIENCE (M.S.) IN COMPUTER INFORMATION SCIENCES, CYBER SECURITY CONCENTRATION, 2023
> *Harrisburg University of Science & Technology – Harrisburg, PA*

BACHELOR OF SCIENCE (B.S.) IN INFORMATION SYSTEMS, COMPUTER SCIENCE CONCENTRATION [DUAL DIPLOMA], 2018
> *Binghamton University – Binghamton, NY*
> Honors: Dean's List

BACHELOR OF ENGINEERING (B.ENG.) IN INFORMATION SYSTEMS ENGINEERING, COMPUTER SCIENCE CONCENTRATION [DUAL DIPLOMA], 2018
> *Istanbul Technical University – Istanbul, Turkey*

VOLUNTEERISM

STATE UNIVERSITY OF NEW YORK – ATTAIN LABS, BINGHAMTON, MAY 2016 TO AUGUST 2016
INSTRUCTOR and TUTOR
- Delivered tutoring to disadvantaged individuals in computer literacy, thereby improving their digital skills.
- Facilitated training for seniors on effective usage of MS Office Suite.

ADDITIONAL INFORMATION

Languages: English, Turkish

Technical Proficiencies
- Languages & Frameworks: C#, Entity Framework, MVC, HTML, CSS, JavaScript , Vue.js , jQuery, Vuetify, Bootstrap, React, Java, Python, C++, Ruby, C, PHP, XSLT
- Cloud, Database & Web Tech: MSSQL, T-SQL, RESTful API, IIS, Google Cloud Platform, Microsoft Azure, MySQL, MongoDB, Node.js, Ajax, JSON, XML
- Tools, IDEs & Collaboration: Visual Studio, Git, Bitbucket, npm, Postman, Trello, Wireshark, Unix/Linux

Interests: Photography, Camping, Hiking