Georges Junior Naddaf

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WORK EXPERIENCE

MICROSOFT, Software Engineer 2   *Current*

HUGHES NETWORK SYSTEMS, MTS 2 – S/W (Software Engineer 2)   *May 2019 – June 2022*
- Working on VSAT modem software deployed to millions of users using **C++98** and **C++11**.
- Developed GUI and API automated testing scripts using **Python**, **Selenium** and **Bash**.
- Worked on several dashboards and interfaces using **AngularJS, Angular 9** and **MEAN** stack.
- Responsible for VSAT WIFI router development, testing and maintenance
- Using **Gitlab, Bitbucket**, **Docker**, Jenkins, for CT/CI and **JIRA**, salesforce for issue tracking

KNOWBILITY, Software Developer   *November 2018 – April 2019*
- Worked on Front-End of online courses using **Angular 6**, **Typescript**, HTML 5 and SCSS.
- Responsible for documenting and fixing project issues.
- Used Github for source control and **Github Projects** for issue tracking.

CARDIODIAGNOSTICS, Software Developer Intern   *July – August 2016*
- Created a business analytics website (**full stack**) that handles large amounts of data extracted from SQL server and presents it in a smart manner using **MVC ASP.NET**, C#, **JavaScript**, Entity Framework, Highcharts, JQuery and AJAX.
- Published project using **Azure blob storage.**

PENN STATE CHEMISTRY DEPARTMENT, EBook Programmer   *February - July 2016*
- Worked on a kinetic theory widget to simulate particle collisions using **JS**, HTML and CSS.

BORN INTERACTIVE, Windows Phone Intern   *July – August 2015*
- Implemented windows phone app prototype for customer using **C#** and **XAML**.
- Data handling consists in retrieving JSON from RESTful API using GET, POST and LINQ methods, saving it in local files and displaying it in data templates.
- Created a local database for storage of personal info using **SQLite**.

EDUCATION

The Pennsylvania State University, University Park, PA
Bachelor of Science, *Computer Engineering, May 2018*   GPA: 3.29
- **Selected for the Dean's list of the first, second, fourth, seventh and eighth semester.**

ACHIEVEMENTS

- Diverse **UX/Programming portfolio:** check it out at http://www.georgesjuniornaddaf.com/#/portfolio
- **2nd place** in **CodePSU Spring 2016 ACM** programming competition Intermediate tier.
- **3rd place** in **HackPSU Spring 2017** hackathon in the EdTech challenge. https://devpost.com/gornad96
- **2nd place** in **GSK challenge**: Created a sleep tracking **Android** app using **Java,** which is an app designed to record and analyze meaningful sleep data. https://www.mindsumo.com/contests/sleep-track.
- Highwood USA Capstone Project: **Best Project Design 2nd place** (**computer vision** and **photogrammetry** project on measuring scaled distances in 3D models generated from 2D images).
- Lockheed Martin Capstone Project: Conducted feasibility study and built models using **machine learning tools (Keras, Tensorflow)** to detect abnormalities in video stream.

RELEVENT KNOWLEDGE.

- **Intermediate C++, Linux, Angular, React Native, Figma**.
- **Basic Typescript/JavaScript**, **Python, SQL, Adobe XD, C,** HTML, CSS, Unreal Engine 4.
- Proficient speaker and writer in English, French and Arabic.