Georges Junior Naddaf

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OBJECTIVE

Seeking a software development/consulting position in the software industry.

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.**

WORK EXPERIENCE

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**, Entity Framework, JQuery, **JavaScript**, AJAX and C#.
- Displayed data using **Highcharts API** and HTML tables.
- Managed source code using **Visual Studio Online** source control.
- 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**.
- Learned how to use **Gitlab** and **Gitbash** for source control.

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 listview data templates.
- Used **Geolocation** to determine distance to certain locations and filter search results.
- Created a **local database** for storage of personal info using **SQLite**.

MICROSOFT, Account Technology Strategist Intern   *July – August 2017*
- Participated in executive meetings to establish **technology road maps for customers**.
- Participated in partner meetings to **understand customer needs and provide a solution**.
- Performed **presentations to manager about new technologies** that increase work efficiency.

ACHIEVEMENTS

- **2nd place** in **CodePSU Spring 2016 ACM** programming competition Intermediate tier.
- **3rd place** in **HackPSU Spring 2017** hackathon in the EdTech challenge.
- 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)
- Created a sleep tracking app in HackPSU Spring 2018 for the GSK challenge using **Java,** which is an app designed to record and analyze meaningful sleep data. devpost.com/gornad96 .
- Lockheed Martin Capstone Project: Conducted feasibility study and built models using **machine learning tools (Keras, Tenserflow)** to detect abnormalities in video stream.
- **Parallelized C++ code** using **OpenMP, MPI** and **CUDA**. github.com/gornad/CMPSC-450 .
- Created **website from scratch** using **Angular 6** and **typescript**. github.com/gornad/PersonalWebsite .

RELEVENT KNOWLEDGE.

- Programming: **Advanced C**, **C++**; **Intermediate C#, Java, Javascript, Verilog**; Basic Typescript (Angular), HTML, CSS, SQL, XAML, JQuery, AJAX, Keras, Xamarin, Unreal Engine 4.
- Proficient speaker and writer in English, French and Arabic.