

# Georges Junior Naddaf

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## OBJECTIVE

Seeking a software development position in the software industry.

## WORK EXPERIENCE

### *KNOWBILITY, Software Developer*

*November 2018 - Present*

- Working on **Front-End** of online courses using **Angular**, **Typescript**, **HTML 5** and **SCSS**.
- Responsible for documenting and fixing project issues.
- Using 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**, 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**.

## 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

- **2<sup>nd</sup> place** in **CodePSU Spring 2016 ACM** programming competition Intermediate tier.
- **3<sup>rd</sup> place** in **HackPSU Spring 2017** hackathon in the EdTech challenge.
- Created a sleep tracking **Android** 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](https://devpost.com/gornad96).
- Highwood USA capstone project: **Best Project Design 2<sup>nd</sup> 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.
- **Parallelized C++ code** using **OpenMP**, **MPI** and **CUDA**. [github.com/gornad/CMPSC-450](https://github.com/gornad/CMPSC-450).
- Created **website from scratch** using **Angular 6** and **typescript**. [github.com/gornad/PersonalWebsite](https://github.com/gornad/PersonalWebsite).

## RELEVANT KNOWLEDGE.

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