Joel Barna

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Skills

LANGUAGES

JavaScript *(Advanced)*

Java *(Advanced)*

HTML & CSS *(Advanced)*

PHP & Python *(Intermediate)*

C & C++ *(Intermediate)*

FRAMEWORKS

MV* *(Advanced)*

jQuery *(Advanced)*

Express.js *(Intermediate)*

OAuth 2 *(Intermediate)*

AngularJS *(Basic)*

TOOLS

Git *(Advanced)*

[No]SQL *(Intermediate)*

Apache *(Intermediate)*

Linux *(Intermediate)*

PROTOCOLS

HTTP & HTTPS *(Advanced)*

FTP & SFTP *(Intermediate)*

SSH *(Intermediate)*

IPv4 & IPv6 *(Intermediate)*

Education

B.S. (2011 – 2016)

University of New Hampshire

Computer Science

GPA 3.23

Work Experience

OKE POLAND

Front-End Web Developer

July – Sept 2016
Gdańsk, Poland

- Travelled to Poland through an international internship program named IAESTE.
- Designed and created a complex web application to control home IoT applications.
- Worked with a demo driven development management style.
- Communicated effectively through language and physical barriers.

ADP

User Experience Developer

June – August 2015
Salem, NH

- Designed accessible web pages to be used by the disabled,
- Prototyped a web application with voice interaction that allows users to enter information such as their name and date of birth through a clean voice interface.
- Conducted user testing on ten blindfolded individuals to find the difficulties and flaws with my interactive voice application.

LIBERTY MUTUAL

IT Web Developer

June – August 2014
Portsmouth, NH

- Developed front-end web pages to promote deals associated with affiliate companies.
- Responsible for maintaining the homepages of Liberty Mutual by editing front-end code and back-end Java code.

New Hampshire Army National Guard

Sergeant

May 2011 - Present
Manchester, NH

- Built a facial recognition workflow along with web interface to sort and access thousands of pictures.
- Emulate the professional attitude and responsibility of a Noncommissioned Officer.
  - Punctuality – Preparation – Leadership – Dedication

Side Projects

Flying Oranger

- An application in node.js and Java to fly an orange envelope across your screen when you receive a message on the website reddit.
- Implemented the Oauth2 workflow to access to users' accounts.

Title Peekaboo

- Simple front-end framework to change the title of a webpage when the user changes tabs.