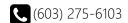
## Joel Barna









### Skills

# Work Experience

#### **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)

### **Fducation**

B.S. (2011 - 2016)

University of New Hampshire Computer Science GPA 3.23

#### **OKE POLAND**

Front-End Web Developer

**Q** Gdańsk, Poland

₩ July – Sept 2016

- 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

May 2011 - Present

Sergeant

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.
  - o 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.