Nick J. Castle

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<BACKGROUND/>

Educated and driven individual with four years of experience developing software. Passionate about problem solving and thinking creatively. Able to communicate ideas in detail and work well on teams.

<SOFTWARE PROJECTS/>

basilDash

Technologies: React, InfluxDB, Express, Postman, Javascript, CSS3, HTML5

Description: Web based dashboard displaying real-time sensor readings from a company's indoor lettuce and basil grow operation. Included charts that tracked historical data. The readings were also stored inside of InfluxDB.

Geo-Vermonter

Technologies: React, Leaflet, Express, Javascript, CSS3, HTML5

Description: Web based interactive mapping game. Utilized Leaflet's API to identify location and implement guessing feature.

Hamster Cam

Technologies: Python, Raspberry Pi,

Description: Monitored and recorded the activities of a hamster. Used a movement sensor, a breadboard and a Raspberry Pi to take pictures and video of a hamster.

Special Olympics of Vermont App

Technologies: Android Studio, Java

Description: Displayed event informational paperwork as a native android application. Used MVC methodology to structure code within app.

Blokus

Technologies: Java, Java FX

Description: Block arrangement game for up to 4 players or vs. computer. Block sizes and shapes varied from 1-5 units.

<WORK EXPERIENCE/>

Deli Shift Supervisor - Hannaford Supermarket | Burlington, VT

August 2018 - May 2019

- *Promoted to Deli Supervisor after 8 months.*

Sales Associate - Ace Hardware | Colchester, VT

October 2010 - August 2014

- *Learned many of the trades within Ace such as key cutting, product demo assembly, cashout of registers, and filling propane tanks.*

<EDUCATION/>

- **Burlington Code Academy '19**
  Web Development Bootcamp

- **University of Vermont '18**
  B.S. Computer Science
  Minor Mathematics

<SKILLS/>

- JavaScript(ES6)
- React
- MongoDB, InfluxDB
- Node.js
- Express
- HTML5, CSS3
- Java, JavaFX
- Python
- C, C++
- SQL
- PHP
- Git, Github, Gitlab

<INTERESTS/>

- Basketball
- Video Games
- Fitness
- Drawing
- Speed-Cubing
- Building Software