

# VICTORY OMOLE

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Quantum Computing, Full Stack Web, Programming Language Development and Machine Learning

## EDUCATION

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### Iowa State University

*B.Sc. Computer Engineering (GPA 3.0)*

Ames, IA

*September 2014 - Present*

- **Relevant Coursework:** Introduction to Object-oriented Programming, Introduction to Data Structures, Software Development Practices, Design and Analysis of Algorithms, Advanced Programming Techniques, Computer Networking
- **Technical Skills:** Quantum Programming, C, Java, Python, Common Lisp, Javascript, Haskell, Emacs, Machine Learning, Linux, Git
- **Honor:** Dean's List, Spring 2017

## EXPERIENCE

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### Iowa State Academic Success Center

*Tutor*

Ames, IA

*September 2016 - April 2017*

- Tutor for "Theoretical Foundations in Computer Engineering" and "Single Variable Calculus"
- Held Biweekly group tutoring sessions
- Explained mathematics in an easy to understand language
- Helped students build continuously increasing knowledge
- Applied active learning strategies

### Home Depot

*Freight*

Plymouth, MN

*May 2015 - August 2016*

- Responsible for movement of incoming load and freight shipments from trucks
- Used Pallet Jack to deliver products to departments
- Trained, Tested and Experienced using "First Phone" to locate, inventory, accurately price and tag product, check other stores "On Hands", request transfers and place product orders
- Stock and replenished merchandise according to merchandising layouts
- Routinely answered customer questions with product knowledge through Vendors, Associates, and Experience
- Stacked and stored pallets at the end of the shift to keep store clean and safe

## PROJECTS

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**Hackathons:** Hacker prize at Hack Harvard 2017, Most interesting project at Hack ISU 2016, AWS Education prize at Hack ISU 2018

**QCHackers:** Group of Undergraduate students from Iowa State, University of Colorado-Boulder, and MIT studying Quantum Computing.

**Eagle:** A Quantum Programming library that simulates Distributed Quantum Computation.

**Rigetti Forest:** Provide customer support to new users; fix documentation and code issues in pyQuil and Grove.

**C48:** Senior Design programming language inspired by C, Python, and Scheme.

**AI playground:** Machine Learning blog; built with Python and Heroku.

**SnapBin:** Snapchat-like Android application that sends directories of photos; developed using SCRUM model.

**Caffe2:** Fixed cloning bug in a popular Deep Learning framework.

## TALK

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**Introduction to Quantum computing:** A 15 minute presentation on Quantum Computing for Electrical and Computer Engineering students.