VICTORY OMOLE

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

EDUCATION

Iowa State University Ames, IA
B.Sc. Computer Engineering *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

Iowa State Academic Success Center Ames, IA
Tutor *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 continously increasing knowledge
- Applied active learning strategies

Home Depot Plymouth, MN
Freight *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

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

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