#### ANDRE ALVES

Hauptstrasse 123 20095 Hamburg 0123 45678910 andre@alves.me

CITY OF HAMBURG GMBH Rathausmarkt 1 20095 Hamburg

2021-02-16

#### Application for Job Posting 123456

Dear recruiting manager,

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Sincerely yours,

An Hancock

Andre Alves

# **ANDRE ALVES**

Information Engineering Student

### **Personal Details**

**♀** Hauptstrasse 123, 20095 Hamburg

0123 45678910

★ United State of America

☆ 1985-09-02 · Rio de Janeiro, Brazil

andre-a-alves andre-a-alves



### Education

Present

### 2019 - Bachelor of Science in Information Engineering

HOCHSCHULE FÜR ANGEWANDTE WISSENSCHAFTEN HAMBURG

Hamburg GPA 0.0

• Equivalent of Computer Engineering in US universities.

• Recipient of Excellence Scholarship for high academic performance.

2007 Bachelor of Science in Physics

UNITED STATES NAVAL ACADEMY

Annapolis, Maryland (USA)

GPA 2.0

2003 High School Diploma

Neptune City, New Jersey (USA)

MONMOUTH COUNTY ACADEMY OF ALLIED HEALTH AND SCIENCE

GPA 1.0

### Personal Projects 🗘

Sorting Visualizer Application that visualizes and animates various sorting algorithms, including selection,

insertion, merge, heap, and quick sort algorithms. Java

LZW Compressor Application that performs LZW compression on files, but also has a feature to perform LZW at the string level to allow for visualizing the algorithm. **Java** 

Quantum

Application that simulates a quantum computer. created as a challenge for the Quantum

Simulator Open Source Foundation. Python

### **Experience**

## Aug 2020 -

#### **Undergraduate Research Assistant**

Hamburg

Current

HOCHSCHULE FÜR ANGEWANDTE WISSENSCHAFTEN HAMBURG

- Performed a literature review of photovoltaic system power inverter physics-of-failure modeling.
- Developed SPICE and MATLAB models of three-phase photovoltaic power inverter.
- Setup Linux server for Comsol Multiphysics simulation software and performed all sysadmin duties.

### Oct 2019 -Jul 2020

### **IT Service and Support Associate**

Hamburg

**DEPOSIT SOLUTIONS GMBH** 

- Developed and implemented management solutions and workflows for a fleet of more than 50 MacBooks.
- Developed, wrote, and improved documentation and guides for more than a half-dozen workflows.
- Wrote and distributed custom Shell Script app automate printer installation for the company's Macs.

Jul 2018 - Entrepreneur San Antonio, Texas (USA)
Apr 2019 Monk and Dagger Brewing Company LLC

Jan 2013 - Foreign Service Officer Caracas, Venezuela · Washington, D.C. (USA)
Jul 2018 U.S. DEPARTMENT OF STATE

### May 2007 - Communications Officer

USA · Afghanistan

Jan 2013 U.S. MARINE CORPS

• Led and managed organizations of Marines ranging in size from 55 to more than 100 individuals, including a unit geographically dispersed across an entire continent.

• Advised senior and Washington-based officials on matters related to Latin America.

- Designed and supervised the installation, operation, and maintenance of the radio and satellite network architecture carrying all communications (data, phone, and radio) for multiple military operations, including a network responsible for all communications in the southern region of Afghanistan during active NATO combat operations.
- Responsible at times for equipment worth more than \$13 million.

### **Skills**

**Programming** Java · C · Python · VHDL · Matlab · Bash (Shell Script)

Languages

 $\textbf{Operating} \qquad \text{Windows} \cdot \text{Linux} \cdot \text{MacOS}$ 

Systems

**Simulation** Matlab/Simulink with Simscape · LTSpice

**SysAdmin** OpenSSH · UFW Firewall · XRDP Remote Desktop Server

**Other Skills** Soldering · LaTeX/CircuiTikz · AutoDesk Eagle · Git · Jira · Confluence · Mendeley Reference

Manager

**Soft Skills** Public speaking · Teamwork · Leadership · Multicultural environments

**Languages** English (Native) · Portuguese (Fluent) · Spanish (Fluent) · German (Beginner)

Hamburg 2021-02-16

Han Hancock