

Akin Jackson Campbell

1037 Pleasant St., Oak Park, IL | AkinJack123@gmail.com [preferred] | 708 920 0157

Linkedin: /in/AkinCampbell **Website:** akincampbell.github.io **Github:**/akincampbell

Education

College of Science and Engineering, University of Minnesota--Twin Cities Sep 2016- 2020

Major: Computer Science

Courses: UI Design and Implementations CSCI 5115, Alg and Data, Calc 1 and 2

Activities: Grouplens, NSBE, Black Student Union, IoT Collaborative

Code 2040 Fellow 2017

Google CodeU 2017

Udacity FrontEnd Web Developer Nanodegree Fall 2019

Google Project Management Certificate June 2021

DPI-Tech Ready Full Stack Developer Apprenticeship 2023

Technical Skills

Proficient: Product and Project Management, HTML/CSS, Javascript, JQuery, AJAX, PHP, Python, Java, C#, Android, iOS, Windows, Photoshop, Illustrator, Ruby, Angular, React, (REST) APIs, HP Sprout API, Fullstack, Bootstrap, Wordpress, Leadership, Customer Service, Sales

Experience

DPI-Tech Ready Software Apprenticeship

Chicago, IL

Full Stack Developer Apprentice

July 2023- Current

- Complete a **rigorous Ruby course** load, **practicing database configuration/management**
- Create apps that send and retrieve data from a server asynchronously with **AJAX**
- Learn **professional and business development**
- Create a **robust industry-level Ruby app** for the final project

Grand Avenue Software

Minneapolis, MN

Software Engineer

March 2022- March2023

- Worked in a cross-functional **agile (XP)** team responsible for the design, implementation, and ongoing evolution of web-based applications for their customers
- **Programmed in C#** to assist the team in the evolution of their Web-based UI architecture and main software product, which provides what medical companies need for quality compliance
- Participated in the **UI/UX redesign** and implementation projects, increasing number of customers and user-friendliness
- Independent management of public-facing website with **Wordpress**

Fjorge

Minneapolis, MN

Frontend Software Engineer

August 2020 - August 2021

- Used **LAMP stack** to develop a variety of robust websites for clients
- **Added to company documentation** as a preliminary for an addition to its best practices, improving business standards for years to come
- Used **Wordpress, React** and diverse technologies to meet project requirements and deadlines and going the extra mile to make sure customers are happy

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GroupLens Lab

Minneapolis, MN

Undergraduate Research Fellow

September 2015 - September 2019

- Mentored by professor Lana Yarosh, working on **three projects (one independent, two team), –in the field of Human Computer Interaction**—all of which **examines how communication technology can be used to tackle serious societal issues**
- Developed with **C#** and **HP Sprout applications**
- **Share Table [first project] sold to HP for \$500,000**
- **Published paper** in CSCW 2018 and National Science Foundation
- **Intel Excellence in CS Award 2016:** Began undergraduate level research junior year of high school and developed with the highly complex **HP Sprout API**.

Shiloh Temple International Ministries

Minneapolis, MN

Technologist and Jr. Deacon

August 2018 - August 2019

- Mentored by Bishop (of 12 churches), gaining spiritual and religious knowledge
- Worked on **media and video production**, giving service a more modern, warm atmosphere.

Target

Minneapolis, MN

Software Engineer Intern

June 2019 - August 2019

- **Wrote automated Java tests and scripts** to verify user login information for Target app, greatly enhancing security for users and improving test driven development of the app
- Created robust **UI/UX** using **javascript frameworks** for the Target app

Thaddeus Medical

Rochester, MN

Software Engineer Intern

February 2019 - May 2019

- **Developed and prototyped API** for company website

UMN REU Big Data Camp

Minneapolis, MN

Computer Science Research Fellow

June 2018 - August 2018

- **Big data research project**, which examined primary influences of trends on Twitter
- Learned and improved existing research and development skills

Agosto

Minneapolis, MN

Software Engineering Intern

March 2018 - May 2018

- Progressed the development of their **Python web application**, Skykit, a digital signage tool
- Generated modern, flexible and robust user-interfaces with **Javascript** framework **Angular**
- Developed and integrated **web APIs**

Google

MountainView, CA

CodeU Fellow

May 2017 - August 2017

- **Exclusive Google program** for high-potential university students (50 students, USA)
- Developed a chat application in **Java**, practicing client and server side development
- Received **professional development with Google engineers**

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IBM

Rochester, MN

Software Engineering Intern

May 2017 - August 2017

- **Wrote automated tests for IBM cloud**, mostly aimed at increasing security and robustness
- Used **Java**, **JDBC** and **SQL** for database development, ensuring data is properly managed
- Worked in an **Agile Development** (Scrum) environment with a team of engineers

IoT Collaborative

Minneapolis, MN

Co-Founder and President

September 2016 - August 2017

- Created this student organization with my mentor and professor, my freshman year of college
- Facilitated and created **IoT** Projects for students
- **Developed Curriculum** and **events**
- Participated in **marketing and exposure**, went from five members to twenty in the first year

Twin Cities Pursuit of Excellence, NSBE Jr.

Minneapolis, MN

Co-Founder, President and Program Director

September 2015 - August 2017

- **Co-Founded the nonprofit**, starting and running an altruistic, successful nonprofit in high school
- **Handled all business operations**
- **Provided activities** to help students discover firsthand how engineering and technology relate to the world around them and discover the excitement of academic excellence, leadership, technical development and teamwork. Taught coding, web development fundamentals, to students

Best Buy

Eagan, MN

Phone Salesman

February 2015 - January 2016

- Provided **personalized service** and exceptional **expertise for customers**, making them feel welcomed and confident in their purchase
- **Handled all aspects of the sale** including: customer contracts and warranties, customer payments, cash and credit card/check transactions.
- Was **top salesman of the month multiple times** and the youngest employee, showing strong drive and potential at a young age
- Developed, maintained and communicated strong, **up-to-date knowledge of wireless products**, accessories, pricing plans and service features

Publication

Squeeze Bands: Mediated Social Touch

CSCW and National Science Foundation 2018

2018

- Mediated social touch technologies aim to transmit the sense of touch between two or more physically distributed partners. In this paper, we explore Shape Memory Alloys as a novel means for constriction and heat activation.
- Publication Link: <https://dl.acm.org/doi/10.1145/3134751>
- National Science Foundation: <https://par.nsf.gov/servlets/purl/10057267>