Frank Hu

+1-706-247-1414 • 14530 NE 44th ST L8 Bellevue, WA 98007 • FHu004@Fiu.Edu

PROJECTS

Azure ARM Template LAMPP/WordPress/Memcached   May 2018 − Present

- Built Azure ARM Deployment that automatically installs LAMPP and all required PHP modules for WordPress and Memcached utilizing a shell script for custom website deployments
- By automating tasks, was able to save 100s of hours across companies

.Net AAD Auth BoilerPlates With Tutorials   May 2018 − Present

- Built out .Net code samples for Azure customers with corresponding blogs/tutorials for each .Net sample.
- Read/Used By 30,000+ Software Developers internationally

Integrated Authn/Authz into Internal Tooling Back-end API   May 2019 − Present

- Implemented Mutual TLS Cert Auth between back-end Azure App Service API and Azure API-Management
- Saved 100s of hours time across teams by providing Cloud Identity knowledge to front-end and back-end teams

PROFESSIONAL EXPERIENCE

Microsoft - Bellevue, WA

Azure Service Engineer II   May 2019 − Present

- Built, fixed, and updated public Azure boilerplate sample code for customers
- Provided guidance and code samples to the Azure community on how to implement OAuth2 flows into their environments
- Worked closely with product teams to report and find bugs with Microsoft APIs
- Developed Chrome extensions to automate repetitive work using data scraping

Microsoft - Dallas/Fort Worth Area

Azure Developer Support Engineer   June 2016 − May 2019

- Developed Chrome extension to automate administrative tasks
- Wrote technical articles on utilizing Azure APIs and performing OAuth2 authentication with Azure for internal/external Software Engineers at an international scale
- Subject Matter Expert on authentication protocols across organizations within Microsoft

Nuesoft - Greater Atlanta Area

Software Engineer I   December 2014 − June 2016

- Made patches and features for Javax Swing applications using Eclipse IDE
- Integrated PHP/MySQL based question to answer forum into work environment using LAMPP
- Implemented design specifications for Android project using Android SDK
- Wrote software architecture documentation for Java Swing and Android Legacy Code

Research Experience Undergraduate - Miami, Florida

Researcher   May 2015 − August 2015

- Created Android application for research paper to be submitted at human computer interaction conference utilizing Facebook API and Temboo API
- Developed data scraping regular expressions to automate data gathering using JSoup and REST API
- Implemented JavaScript injections to manipulate Facebook user interface
- Collaborated with research professors to prototype user interfaces using AxureRP

EDUCATION

Georgia Tech Atlanta, Georgia   **January 2019 - June 2021**
Masters of Science - Computer Science - Computing Systems   **GPA 3.75**

University Of Georgia Athens, Georgia   **August 2013-December 2015**
Bachelor of Science - Computer Science - Cum Laude   **GPA 3.69**

- Graduated from college within two-year time frame with honors