

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" into 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