**Han H. Bui**

**Houston, TX 77055 | (405) 301-5123 | han.bui2894@gmail.edu**

<https://www.linkedin.com/in/hanbui2894/>

[http://hanbui.me](http://hanbui.me/)

**OBJECTIVE**

Seeking full-time internship position to develop web technology, programming, communication, and teamwork skills while putting acquired skills to the test

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**EDUCATION**

**Bachelor of Science in Computer Science**

University of Houston – Houston, TX December 2020

GPA 3.8

**RELEVANT COURSEWORK**

Data Science Computer Operating System Computer Org. & Architecture

Algorithms & Data Structures Software Design Database

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**RELEVANT PROJECTS**

**Personal Project** – Austin, TX Summer 2020

* ***Bug Tracker*** –A collection of tickets of bugs and requests from user. Submitter submit a bug or request. Admin and Project Manager have permission to assign developer for each ticket. Developed security and authentication with login & password recovery system. The application implemented Role Base Access Control for authorization. Each role has different permissions and views depends on user when perceiving the website.

**Software Design**, University of Houston – Houston, TX Summer 2020

* ***Fuel Quoter*** - A program that let a client to request and generate a fuel quote based on location and the number of gallons requesting. User/client can edit profile, password and request password recovery. User client can also see the fuel quote history. Applied Agile methodology in collaboration between teammates and utilized source control on Github platform. Implemented unit testing and provided code coverage report using PHPUnit/XDebug.

**School Projects**, University of Houston – Houston, TX Fall 2018 - Spring 2020

* ***Storytelling Project*** – Analyzed statistics of hurricane Harvey’s affected Houston populations to provide solutions; performed data cleaning, manipulation, mining, and visualization using Python via Jupyter Notebooks; gained knowledge of many clustering methods
* ***Data Analytics*** – Performed feature selection to clean and reduce the dimensionality of the data for business understanding; built and compared models & parameters to see trend and predicting future profitable products; gained knowledge in business decision making

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**COMPUTER SKILLS**

* **Programming Languages:** PHP, SQL, NoSQL, C/C++, Python, Unix, HTML, CSS**,** MATLAB, R, Arm Assembly, Typescript
* **Software:** Git/Github, XCode, Anaconda, RStudio, MySQL, Oracle SQL, NetBeans, Unity, Composer, MongoDB, Laravel, Angular
* **Operating Systems:** Windows, MacOS

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**EXPERIENCE**

**University of Houston** – *Teaching Assistant*; Houston, TX*June 2020 – Present*

* Evaluated Assignments and provided feedback on how to improve students’ performance within the course. Provided assistance in the creation of assignments, managing attendance records, and various daily tasks for over 200 students. Debugged Python code as a statistic language for machine learning techniques. Organized weekly one-on-one mentoring to help student catch on with the course’s material
* Debugged Python code as a statistic language for machine learning techniques. Assisted in building weekly feedback forms that allow professors to better engage students of the course. Cooperated with other Teaching Assistants and Mentors to improving the course’s quality. Promptly responded to general inquiries from members, staff, and students via e-mail

**Samsung Austin Semiconductor (SAS)** – *Shift-Lead Assistant;* Austin, TX *November 2016 – December 2017*

* Operated Scan Electron Microscope (SEM) machine to detect defects on microprocessors for 32, 22, and 14 nm technologies. Analyzed failure tests on electronic devices to improve company product yield
* Managed team of employees: delegated found defects to employees based on expertise, and answered questions. Trained new employees to operate Vertical Scan Electron Microscope (VSEM) and SEM. Orchestrated meetings for delivering information on new devices and discussing new occupational procedures

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**ACTIVITIES & AWARDS**

**Phi Theta Kappa** – *Member* Spring 2018

* Assisted disabled population of Austin during Cycling Special Olympics, and distributed food to homeless population of Austin
* Engaged in organized discussions about social difficulties, such as social justice and prejudice

**Vietnamese American Community at Austin Texas** – *Event Organizer* Spring 2018

* Led group of seven volunteers to raise money for impoverished Vietnamese community during Lunar New Year event

**Samsung Austin Semiconductor (SAS)** *– Employee of the Quarters*  2016 - 2017

* High Performances in 4 consecutive quarters