Uchechukwu Uboh

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OBJECTIVE

To solve real-world customer problems by designing and building efficient end-to-end software systems.

EDUCATION

Prairie View A & M University *Prairie View, TX*
Bachelor of Science in Computer Engineering

Graduation: *May 2019*
GPA: **3.84/4.00**

University of Houston-Downtown *Houston, TX*
Bachelor of Business Administration in Supply-Chain Management

Graduation: *Dec 2014*

TECHNICAL WORK EXPERIENCE

IBM *Dallas, TX* — *Software Engineer* — *Jun 2019 - Present*
- Reduced mean time to resolution (**MTTR**) for our customer service agents by **30%**
- Delivered a disaster relief application by leading a team of **6**, building dynamic **APIs** and validating customer pain points
- Taught **dynamic** and **recursive** programming principles to prospective IBMers
- Implemented Agile, Design Thinking, Hills/Epics and DevOps principles as a **scrum master** for a team of **10**
- Architected, deployed and maintained cloud-native applications using **Travis CI, IBM Cloud**, and **Docker**

CREDIT Center *Prairie View, TX* — *Student Research Assistant* — *Aug 2018 - May 2019*
- Extrapolate meaning from non-structured data using **machine-learning/AI algorithms**, **TensorFlow** and statistical analytics
- Developed a **natural language processing** mobile IOS application using **Swift** and Apple Inc. **APIs**
- Designed and developed a "**communicate and control**" system for robotics applications using **XCode**

Dow Chemical Company *Midland, MI* — *Software Engineering Intern* — *May 2018 - Aug 2018*
- Developed value-adding features for the Dow digital consumer using **Hybris, Java,** and **XML**
- Utilized the **DevOps** and **Agile** development methodologies to streamline the customer experience
- Produced **customer-centric** solutions to complex problems via **human-centered design thinking**

Cooperative Agricultural Research Center *Prairie View, TX* — *Student Research Assistant* — *Sep 2017 - May 2018*
- Designed and implemented a database search **algorithm** using **PHP** to optimize accuracy and response time
- Constructed a **flow chart** for client access based on **3** separate privilege levels
- Created a client **password** registration system using **JavaScript** and **HTML** to improve **security**

Verizon *Piscataway, NJ* — *IT Intern* — *Jun 2017 - Aug 2017*
- Modified wireframe designs for web-based dashboards using **JavaScript** and **HTML/CSS**
- Created a Relational Database using **SQL** to be accessed via **JavaScript** REST API
- Built a productivity visibility dashboard for the Robotic Process Automation (**RPA**) process

RELEVANT PROJECTS

Swarm Robotics Senior Design *Prairie View A&M, TX* — *Team lead and Software Engineer* — *Aug 2018 - May 2019*
To create a system that communicates with and controls multiple robots simultaneously on a wireless network.
- Developed a **python simulation** using the turtle library to demo project goals
- Created custom robotics navigation **object-oriented programming (OOP) algorithms** using **C++**
- Designed and implemented Arduino based robots with **infrared** and **radio frequency modules** for robotic vision and communication

TECHNICAL SKILLS

React.js/Redux.js • C/C++ • Express.js • PHP • Python • JavaScript • Node.js • NoSQL DB • Jira • SQLDB • GitHub • Linux Terminal • Travis CI

COURSES COMPLETED

Data Structures • Computer Architecture and Design • Logic Circuits • Embedded Systems • Digital Design • Microprocessor Systems Design

HONORS AND AWARDS

Champion	*HBCU Battle of The Brains*	*Mar 2019*
Forbes Under 30 Scholar	*Forbes*	*Sep 2018 - Present*
Eta Kappa Nu - Zeta Lambda	*IEEE*	*Spring 2018 - Present*
Honor Roll	*Prairie View A&M University*	*Fall 2015 - May 2019*

MEMBERSHIPS

- Eta Kappa Nu (**EKN**) — **Technical Education Chair**
- PV Robotics Club (**PVRBX**) — **Co-Founder/Advisor**