

Vaibhave Patel

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Objective:

Seeking a position in software engineering to utilize my technical skills, programming skills, experience, and academic knowledge.

Education:

B.S. in Computer Engineering – Expected December 2017 University of Houston | Houston, TX

Relevant Coursework: Circuit Analysis, Computer & Problem Solving, Signals & Systems, C Programming, Microprocessor Systems, Digital Logic Design, Computer Science 2, Data Structures

Projects:

- **United Club Wi-Fi Landing Page** – group based project, created/researched a new landing page to improve customer experience and created opportunities for United to advertise, market, survey, & inform
- **Maintenance Mobility Application** – Research on potential features to implement; application projected to decrease turnaround time and improve process efficiency
- **Analog 4-bit Calculator** – group based project, created and planned from scratch (multiplication, division, addition, subtraction).
- **Internal Battery Resistance** – collected and analyzed data for two different batteries to measure the internal resistance for each battery within a circuit.
- **Statistical Analysis on two different brands of popcorn** – collected data, applied statistical tests to analyze, and determine a conclusion based upon the results obtained.

Skills:

- Operating Systems: Windows XP/Vista/7/10, Mac
- Programming Languages: C#, C, C++, Java
- Application Software: Microsoft Office Excel/Word/PowerPoint, Visual Studio Community 2015, FileMaker Pro, Eclipse
- Troubleshooting personal computers (Hardware & Software on desktops/laptops)

Work Experience:

Student Assistant | University of Houston | Engineering Dean's Office August 2015 – Present

- Maintain/create computerized database of records/documents (Grant Administrator)
- Reconciliation
- Audit/Voucher/Payroll

IT Intern | United Airlines | IT – Technical Operations May 2016 – August 2016

- Develop and implemented standard operating procedures to bridge data gaps and resolve related issues
- Design and implementation of a webpage through the use of HTML, CSS, and JavaScript
- Manage and maintain data to ensure accurate data availability for managers and decision-makers.

Peer Assistant | University of Houston | Undergraduate Dean's Office May 2015 – August 2015

- Advising/assisting incoming students
- Assisting advisors: filing, scanning, forwarding files, etc.
- Maintain/create computerized database of records/documents (FileMaker Pro)

Retail Sales Associate | Macy's | Memorial, TX October 2013 – March 2015

- Effective time management skills
- Excellent interpersonal skills
- Experience handling cash, debit and credit card transactions
- Ability to stay calm in stressful circumstances

Memberships & Awards:

- Institute of Electrical and Electronics Engineers (IEEE) 2014 – Present
- Transfer Excellence Scholarship 2014 – 2015
- Program for Mastery in Engineering Studies (PROMES) 2014 – 2015