

Karishma Changlani

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Education

Drexel University, Penoni Honors College
Bachelor/Master of Science in Computer Science

Anticipated Graduation: **June '18**
Concentration: **Computer Systems & Artificial Intelligence**
Cumulative GPA: **3.58**

Academic Standing: Junior under BSCS

Skills

Programming Languages: Python, Java, C#, PHP, Javascript, C++, SQL

Tools: NetBeans, Git, SQLyog, Visual Studio, Photoshop, Apache Hadoop, Unity 5

Frameworks: JQuery, ASP.NET, ADO.NET, WPF (XAML)

Operating Systems: Windows 7, Ubuntu 14

Experience

SIG, MDM Instruments

Philadelphia, PA

Database Manager

September '15 – March '16

- Worked in an 8 person team to maintain the market data for Susquehanna International Group
- Built PL/SQL scripts to maintain the integrity of data between tables and databases
- Developed python and K shell scripts to generate overnight comparison reports and send alerts
- Made tests in order to QA applications made by other team members.

NRG Energy, North East Retail

Philadelphia, PA

Database Manager

September '14 – March '15

- Worked in a 4 person team to maintain corporate websites for NRG North East Retail
- Released deployable work on a weekly basis with biweekly commitments
- Built a UI for Business to make direct edits to text without developer support
- Made a tutorial to help beginner programs find the re tweets of any public post

Projects

Drexel University, Dr. Erin Solovey

Philadelphia, PA

Programmer

March '15 – Present

- Building a java based tool for data analysis in fNIRs
- Collaborating with two other programmers to make the tool available for the research community
- Developing a black box to help HCI developers use fNIRS in making better UIs
- Adapting the tool on multiple platforms to make it more widely available

Drexel University, Document Repair

Philadelphia, PA

Database Manager

January '14 – September '14

- Collaborated 2 other developers to build an application on Python meant to repair damaged documents
- Designed a My SQL database to store connected data sets of words and their probabilities
- Used a Unix terminal to host the data and application on a Raspberry Pi
- Worked on both Linux and Windows to build a portable application

Honors / Activities

Adobe Youth Voice Scholarship

September '13 – Present

Dean's List

Fall '14, Spring '14 – Winter '16

Best Solution Founded on Customer Empathy Leveraging

February '16

Open Source and Best Hardware Hack, Philly Codefest

Web Master, Drexel Society of Women Engineers

January 2014 – November '15

First Prize, EvoHax: 2015

April '15

STAR (Students Tackling Advance Research) Scholar

June '14 – September '14