Zoheb Khan

Education

University of Iowa, Iowa City, IA   August 2015-Present
Major: Biomedical Engineering B.S.E.   Expected Graduation: May 2019
  Computer Science Minor
  Chemistry Minor

Experience

Undergraduate Research Assistant – He Lab – University of Iowa   May 2018-Present
Worked on identifying oxidative stress response targets in Candida Glabrata through application of Bioinformatics techniques using R

Precision Analyst Intern – VIDA Diagnostics Inc   January 2017 – January 2018
Used Apollo Software to analyze CT scans of lung airways
Duties involved finding false airway bifurcations, lobe anatomy analysis, and fissure analysis
Worked part time during school (15-20hrs/week) and full time during breaks (40hrs/week)

College of Engineering Tutor - University of Iowa   August 2016 – May 2017
Tutored various fundamental classes for engineering: Differential Equations,
  Linear Algebra, Chemistry 1, Chemistry 2
Led review sessions to large groups of Engineering Students (100+ people)

Skills/ Extracurriculars

Software Design
Taken/taking various classes in software design including Data Structures/ Algorithms. Experienced with the following languages and some of their commonly used libraries: C++ (2 Semesters/current), Java (1 Semester/current), Python (1 Semester), MATLAB (Covered in 2 different classes), R (1 Semester of Biostatistics)

Creo Parametric/CAD
Designed various devices which were used in manufacturing processes including 3D printing and 3-axis milling. 2 Semesters worth of CAD classes taken using Creo Parametric 3.0

University of Iowa Hospitals and Clinics Volunteer- 200hrs   August 2016-Present
Making a Difference Award Recipient - 2017

Free Clinics of Iowa Volunteer – 100hrs   2014-2017
Duties included setting up and managing technology, talking with patients

Miscellaneous

Apollo Lung Software – 700hrs
Designed/ built LTI systems
Microsoft Word/ PowerPoint/Excel
Conversational in Hindi
Adobe Photoshop/ After Effects
Web Designing Experience with HTML and Dreamweaver