Shane Becker

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CAREER OBJECTIVE

Seeking a summer internship for 2017 that will help me bridge the gap between the field of Computer Science and its application in the business world.

EDUCATION

University of Texas at San Antonio, San Antonio, Texas   Expected Graduation: December 2017
Bachelor of Science in Computer Science with a Concentration in Computer and Information Security

Major GPA: 3.54

Relevant Coursework

Calculus 1 and 2	Computer Programming 1 and 2	Mathematical Foundations of CS
Data Structures	Discrete Mathematics	Analysis of Algorithms
Computer Organization	Systems Programming	Application Programming
Parallel Programming	Programming Languages	Operating Systems
Cyber Security		

Technology Summary

- Extensive programming experience in Java, C, Python, Perl, C shell, Sed, Awk, Unix environment, and MATLAB
- Minor experience with SQL, Visual Basic, HTML, CSS, Scala, and VirtualBox
- Extensive experience in Microsoft Word, Excel, Access, PowerPoint, and Publisher
- Minor experience creating documents, creating artwork, editing photos, and editing videos with Adobe suite

WORK EXPERIENCE

Tutor for UTSA Department of Computer Science – **shane.becker@utsa.edu**   January 2016 – Present

- Assist professors during lecture by debugging students' code when completing assignments
- Translate high-level programming concepts into understandable terminology for non-CS majors
- Supervise and oversee Computer Lab and answer any questions from students regarding class material
- Learned semester's-worth software/language on shortened timeframe in order to mentor students

IT Intern for USAA   May 2016 – August 2016

- Assist professors during lecture by debugging students' code when completing assignments
- Translate high-level programming concepts into understandable terminology for non-CS majors
- Supervise and oversee Computer Lab and answer any questions from students regarding class material
- Learned semester's-worth software/language on shortened timeframe in order to mentor students

ACTIVITIES

President   September 2016 – Present
Association of Computing Machinery Student Chapter at UTSA – **acm.utsa@gmail.com / www.acm-utsa.org**

- Providing leadership, vision, and motivation for the Chapter.
- Presiding at all meetings of the Chapter and Council.
- Ensuring that Officers complete their tasks.
- Maintaining open communication with UTSA, ACM Headquarters, and other organizations.

Chairman of Diversity and Outreach   September 2015 – September 2016
Association of Computing Machinery Student Chapter at UTSA – **www.acm-utsa.org**

- Planning career preparation and development workshops
- Mentoring other chapter members
- Hosting peer tutoring and study sessions
- Promoting awareness and diversity in computing

Competition Winner   January 2016

    HackRice at Rice University – Major League Hackathon
- My team won the contest with a multi-player investment game written mostly in Python
- The stock prices are controlled by the positive/negative tweets each company receives
- The object of the game was to accrue the most profit and/or value in stock

Project Lead   October 2015 – December 2015

    Data Structures Course at the University of Texas at San Antonio
- Served as Project Lead for a major program for constructing a vehicle database for a mock dealership
- Designing and implementing a strategy for completion
- Delegating responsibilities to specific individuals based on their strengths and weaknesses

Mentor for Google Fiber/SA Youth Code Jam Pop Up   November 2015

    San Antonio Hispanic Chamber of Commerce Core-4 STEM Expo
- Served as mentor to at-risk youth in order to spark computer science interest and diversity
- As a Google First/Scratch "guru," it was my role to teach the children the basics of the Scratch language

Team Lead   November 2015

    University of Houston CodeRED – Major League Hackathon
- Performed and participated as the leader for our programming project at a 24-hour coding event
- We developed a Java application which scraped tweets based on keywords and phrases
- The tweets were assigned sentiment values which were factored into different features of the website

HONORS & AWARDS

- University of Texas at San Antonio President's List   August 2015 – May 2016
- The Society for Collegiate Leadership & Achievement nominee   June 2015
- 2013 Computer Science State Championship Team Captain   May 2013
- People to People Around the World Student Ambassador   December 2012
- Duke University TIP program member   October 2008 – May 2013