

Joseph E. Cenci

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WORK EXPERIENCE

Speech & Data Scientist

Nuance Communications, Inc. *Jan, May-Aug 2018*

Developed speech and grammar recognition software through analyzing call trends and optimizing grammars to accept variations of user inputs. Created scripts in Python to parse over one million unique audio logs for data collection. Made recommendations and collaborated with team members to optimize automated phone systems for customers. Worked primarily with Excel, Python, Java, and ParseTool.

Software Engineer & 3D Modeling Intern

Nuance Communications, Inc. *May - Aug 2017*

Worked on two high priority projects to attract new customers and improve internal collaboration. Utilized Java, XML, JavaScript, and a stationary phone to map and set up an Interactive Voice Response (IVR) system that would be used to demonstrate Nuance's tools to possible customers. Researched, 3D modeled, and designed a collaboration area for the office to encourage individuals to work together.

Associate Software Engineer

Polimeni Medical Information Technologies *Jun - Aug 2016*

Worked on the database end of an application. Self-taught to utilize Scala, transfer and parse XML files into JSON format, utilization of AKKA and basic Play Framework. Parsed patient file templates and organized them in the created database.

Computer Science Tutor

Lafayette College *Feb 2016 - Present*

Supported students who needed help in Computer Science gaming, data structures, and theory courses. Helped with basic scripting, data parsing, game asset management, and algorithm development and complexity. Adjusted my schedule to find times during the week and on the weekends to help students.

EDUCATION

Lafayette College Easton, PA

B.S. Computer Science GPA 3.48

Dean's List Fall 2015, 17, 18

SKILLS

Programming Languages

Java, JavaScript, C++, C, Python, HTML, CSS, SQL, Relational Databases, Scala, Impcore, Assembly Language, UML, Regex

Software

Eclipse, XCode, Microsoft Office, GNU Debugger, SketchUp, AutoCAD, Final Cut, LaTeX

Languages

Fluent in English
Proficient in Spanish

Professional

Public Speaking, Leadership, Communication, Time Management

EXTRACURRICULAR

Community Outreach: Pen Pals

2018 - Present

Association of Comp Machinery

2016 - Present

Lafayette Club Baseball Captain

2015 - Present

Math, Engineering, Science House Founder 2016

Special Needs Camp Counselor

2012 - 2014