

Joseph E. Cenci

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[LinkedIn](#) • [Github](#) • [HackerRank](#)

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 Skills: Public Speaking, Time Management, Leadership, Communication

Work Experience

Speech & Data Scientist

Nuance Communications, Inc.

January 2018, May - August 2018

Developed speech and grammar recognition software by analyzing call trends and optimizing grammars to accept variations of user inputs. Created scripts in Python to parse over 1 million unique audio logs for data collection. Made recommendations and collaborated with team members to optimize automated phone systems for customers. Worked heavily in Excel, Python, Java, and ParseTool.

Software Engineer & 3-D Modeling Design Intern

Nuance Communications, Inc.

May - August 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

June - August 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

February 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.

Extracurricular

Community Outreach: Pen Pals **2018 - Present**

Math, Engineering, Science House Founder **2016**

Association of Comp Machinery **2016 - Present**

Special Needs Camp Counselor **2012 - 2014**

Lafayette Club Baseball Captain **2015 - Present**