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EDUCATION

University of Cincinnati (GPA: 3.73) - Cincinnati, OH   **Class: 2019**

  B. S. in Computer Science

Knox College - Galesburg, IL   **Sept. 2014 - June 2016**

EMPLOYMENT

Math Grader at University of Cincinnati - Cincinnati, OH   **Sept. 2016 - Current**

- Grade homework and quizzes for Linear Algebra, Dynamical Systems, and College Algebra.
- Analyze grade results to help professors improve students' understanding and performance in class.

Junior QC Analyst Intern at BTM Global - Minneapolis, MN   **June 2016 - Aug. 2016**

- Wrote test scenarios, tracked Bugzilla records, and communicated status with on/offshore teams.
- Participated in weekly client calls, drafted change requests and flow diagrams based on client needs.
- Communicated with on/offshore teams to analyze client requirements and discuss development.
- Contributed in deployment guide review and updating patch/version releases in Bugzilla.

Helpdesk Assistant at Knox College - Galesburg, IL   **Sept. 2015 - March 2016**

- Supported students and faculty to troubleshoot computer problems.
- Assisted IT department with student orientations and presentations about technology services on campus.

PROJECTS

- **Poker Squares (2016)**: A Java graphics program modelling matches of poker interactively with users. The game allows users to drag and drop cards and update scores on the go.
- **Mastermind (2016)**: Worked in a team with two other members to build an MVC structured program that models the game Mastermind with graphics and responses to users' actions in Java.
- **Twisttest (2016):** Used IBM Bluemix to create a NODE-RED flow that extracts tweets about two Presidential candidates and performs sentiment analysis with IBM Watson API to generate scores. Positive and negative scores are sent to Initial State API to visualize how people feel about the two candidates in real time.

LANGUAGES AND TECHNOLOGIES

- Languages: C, Java, HTML, CSS, Python, Javascript.
- Intermediate knowledge of Linux operating system.
- Experience in Android mobile application development, Web development.
- Active contributor to open source projects on Github.

ADDITIONAL EXPERIENCE AND AWARDS

Junod Research Award   **Knox College**   **Dec. 2015**

- Research topic: *Approximations of circular arcs by Bézier curves.* Advisor: *Pedro Teixeira*

Clark Mills Carr Prize in Mathematics   **Knox College**   **March 2015**

- A comprehensive exam on the knowledge of Calculus. Problems are from Calculus I to Multivariable Calculus.

Second Prize in Regional High School Programming contest   **Ho Chi Minh City - Department of Education and Training**   **March 2014**

- A high school level programming contest that required knowledge of algorithm and data structures.