Krunal Patel

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PROFESSIONAL SUMMARY
Programmer with a spark for robotics, AI, mobile dev and cloud tech looking for a full-time job opportunity.

EDUCATION
University of Illinois, Chicago, IL - *Major in Computer Science & Minor in Economics*   August 2014 - May 2018 | GPA: 3.47

TECHNICAL SKILLS
- **Programming Languages**: Java, C/C++, HTML, SQL, JS
- **Development**: TDD, Agile, Scrum
- **Frameworks**: Spring, Hadoop, Spark, Collections, JavaFX and Swing
- **Build tools and IDE's**: Gradle, SBT and IntelliJ, Android Studio, Eclipse, XCode, Visual Studio

EXPERIENCE
The Pampered Chef, Bloomingdale, IL – *Software Development Intern*   June 2017 – August 2017
- Working in agile environment to develop enterprise level Web Application (Hybris, Legacy, Spring)
- Implemented Google Analytics on company's ecommerce site (Google Tag manager, HTTP, JS, Java)
- Learned about cloud computing/architecture (AWS, Angular, Node, Spring Boot)
- Manual testing and Automation (Selenium, Cucumber)
- Contributed toward sprint planning, retrospective, refinements and new project intake.

Leviton, Bloomingdale, IL - *Engineering Intern*   August 2016 – March 2017
- Developed Access Database for tracking any product throughout the production operation.
- Front-end and Back-end (Visual Basic, Access tools)
- Additionally, spent some of my time at the company working with Manufacturing and Mechanical Engineers to perform time studies for future improvements on Assembly line.

University of Illinois, Chicago, IL - *Math Tutor*   July 2015 - August 2016
- Help students solve calculus problems and prepare them for exams.
- Show step-by-step process to further help them improve their understanding of calculus concepts.

PROJECTs and ORGANIZATIONs
Personal Projects and School Projects *(All projects available on GitHub, link above)*
- **Android**: Stopwatch-Timer application and coffee shop checkout application.
- **Random Program Generator**: A program that can create a compliable java program that follows all rules of context-free grammar of OOP language.
- **MapReduce**: Hadoop implementation of MapReduce in java, deployed on AWS.

Association of Computing Machinery (ACM), UIC
Head Council Chair
- Responsible for management of ACM's execution of different events and activities on campus.
- Working along the president of ACM to connect members and bring new tools to them for their success.
Sig-Build
- Built a quadcopter from scratch, with a Raspberry Pi on board.
- Programmed a quadcopter to fly in a self-balancing state even after a collision.

Engineering Design Team (EDT), UIC
- Worked on a Quad-copter for International Aerial Robotics Competitions.
- Designed a way to figure out the quadcopter position on a 3D surface, using a combination of camera's and sonic sensors.