Krunal Patel

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PROFESSIONAL SUMMARY
Software Engineer with a spark for AI, Web dev and Cloud 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, Python, C/C++, SQL, JS, HTML, CSS
- **Development**: TDD, Agile, Scrum
- **Frameworks/Libraries**: Spring, Hadoop, Spark, JavaFX and Swing and jQuery, AJAX, Collections
- **Build tools/IDE's**: Gradle, SBT and IntelliJ, Android Studio, Eclipse, XCode, Visual Studio
- **Courses**: Networking, Cloud Computing, OOP, Android and Web Development, Algorithms

EXPERIENCE
The Pampered Chef, Bloomingdale, IL – *Software Development Intern*   June 2017 – August 2017
- Working in agile environment to develop enterprise level Web Application (Hybris, 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**: Early on I learned android on my own and built Stopwatch-Timer app and coffee shop app.
- **Random Program Generator**: A program that can create a compliable java program that follows all rules of context-free grammar of OOP language.
- **Map Reduce**: Hadoop implementation of Map Reduce in java, deployed on AWS.
- **Web Apps**: Weather app that was built to using Web apps concepts, making use of IndexedDB, Service Workers and Manifest. Functions across all desktop, iOS and android devices.

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.