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## ACADEMIC DETAILS

Undergraduate		Year
Pacific Lutheran University:	Bachelor of Science, Computer Science	2017
GPA: 3.61/4.00	Bachelor of Science, Mathematics	2017

## FIELDS OF INTEREST

- Software Engineering, Pega, Cryptography, Computer Security, Mathematics

## TECHNICAL SKILLS

- **Programming Languages/Script** (Java, C#, C++, Python, R)
- **Web** (HTML5, CSS, JavaScript, Bootstrap)
- **Tools** (Pega, Git,  $\LaTeX$ , Eclipse, Maven, Visual Studio, Qt)
- **Database** (Oracle, MySQL, SQL Server)

## WORK EXPERIENCE AND PROJECTS

- **Pacific Lutheran University - Tacoma, WA**  
*Math Tutor, September 2015 - May 2017*
  - Help college students with homework and studying by explaining concepts and guiding through examples. Topics include linear algebra, calculus and business math.
  - Demonstrate problem solving techniques by walking through all stages of a problem - from understanding the question to completion.
  - College Reading & Learning Association (CRLA) Certified Tutor, level 1.
- **Pacific Lutheran University - Tacoma, WA**  
*Project - Computer Security Learning Tool, September 2016 - May 2017*
  - Cross platform application to teach users about effective passwords and hashing algorithms.
  - Demonstrate password strength with a hash cracking feature - users can input a password and see how long the program takes to crack the password.
  - Factor large numbers to show the security of RSA encryption.
  - Work as a team of three, using Agile software development methods.
  - Written in C++, using the Qt framework.
- **Pacific Lutheran University - Tacoma, WA**  
*Project - Dice Game Application, February 2016 - May 2016*
  - Created a dice game application with a four-person team to learn Agile software development methods, the Git workflow and teamwork skills.
  - Used Java to create a dice game application with MySQL database integration and basic client-server connectivity using RESTful design.

## CERTIFICATIONS

- Pega Certified System Architect
- Oracle Certified Associate, Java SE 8 Programmer