

Egan Dunning
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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
- Java SE 8 Programmer I