Egan Dunning
Seabeck, WA
Email: **dunninea@plu.edu**
Mobile No.: **541-363-8988**
github.com/egandunning

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

- Programming, Cryptography, Computer Security, Mathematics

TECHNICAL SKILLS

- **Operating Systems** (Linux, Windows)

- **Programming Languages/Script** (C++, Java, Python, bash)

- **Tools** (Git, Qt, LATEX, Eclipse)

- **Database** (MySQL)

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 - Present
  - Cross platform application to teach users about effective passwords and hashing algorithms.
  - Demonstrate password strength by 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 make a dice game application with MySQL database integration and basic client-server connectivity using RESTful design.

STRENGTHS

- Teamwork, Communication, Technology, Positive Attitude, Hardworking.