Egan Dunning
Reston, VA
Email: **dunninea@plu.edu**
Mobile No.: **541-363-8988**
Website: **egandunning.github.io**
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** (Windows, Linux)

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

- **Web** (HTML, CSS, JavaScript, Bootstrap)

- **Tools** (Git, Pega, LaTeX, Eclipse, 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 make a dice game application with MySQL database integration and basic client-server connectivity using RESTful design.

STRENGTHS

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