Philip L. GeLinas

+1 (509) 386-3644   philiplgelinas@gmail.com   https://github.com/PhilipLGeLinas

210 NW Timothy Street, Pullman, WA 99163

Qualification

5+ years experience programming with C, C++, C#, .NET, Java, Selenium, Python, Flask, Swift, Matlab, R, HTML, CSS, JavaScript, Node.js, jQuery, PHP, SQL, BASH, and MIPS. Experience designing hardware in SolidWorks. Currently studying software engineering at Washington State University. An award-winning polyglot, fluent in Japanese, Spanish, Portuguese, and Italian. Searching for an internship in software engineering.

Experience

SENIOR SATELLITE SOFTWARE ENGINEERING INTERN: 2019
SPACE DYNAMICS LABORATORY: ALBUQUERQUE, NEW MEXICO
✓ Embedded systems development as command and data handling lead for AFRL/RVEN
✓ Implemented data transfer methods, including UART, SPI, and I2C, for military operations
✓ Designed drivers for communication between MSP430 micro-controller and peripherals
✓ Designed a robust state machine architecture for use in a 6U nano-satellite
✓ Practiced API design, artificial intelligence, system security, and encryption
✓ Developed frameworks for satellite software that can be adapted with short turn around

JUNIOR SOFTWARE ENGINEERING INTERN: 2018
MULESOFT: SEATTLE, WASHINGTON
✓ Designed connectors that enable Gmail users to save emails to their Dropbox accounts
✓ Browser-based regression automation tests with Selenium WebDriver & Selenium Grid
✓ Collaborated with developers and business analysts to ensure optimal client experience
✓ Modified existing software to fix errors, enhance performance, and improve interfaces

SOPHOMORE FULL-STACK WEB DEVELOPMENT INTERN: 2017
GOODREADS: SEATTLE, WASHINGTON
✓ Designed the front-end and back-end for three websites on a team of four interns
✓ Utilized HTML, CSS, JavaScript, jQuery, SQL, Python, and Flask for development
✓ Developed a custom shopping cart system that receives transactions from customers
✓ Improved skills with databases and used SEO to elevate company web presence

Education

✓ Moses Lake High School: High School Diploma with 3.93 GPA
✓ Big Bend Community College: Associate in Arts and Science
✓ Washington State University: Bachelor in Software Engineering with 3.97 GPA

Skills

✓ C, C++, C#, Java, Python, Swift,MATLAB, R, HTML, CSS, JS, PHP, SQL, BASH, and MIPS
✓ API, software and database design, algorithms, and data structures
✓ Quantitative data analysis, automation, statistical modeling, and data warehousing
✓ Mathematics, statistics, engineering physics, and parametric modeling in SolidWorks
✓ Business professional fluency in Japanese, Spanish, Portuguese, and Italian

References

Lieutenant Sunderlin Jackson: Small Satellite Portfolio Mission Manager
Phone: (801) 386-0743
E-mail: sunderlin.jackson.1@us.af.mil
Address: 2350 Alamo Ave SE #300, Albuquerque, NM 87106

Takuji Nagano: Executive Director at J.P. Morgan
Phone: (090) 8588-4030
E-mail: takujinagano@ldschurch.org
Address: Tokyo-to, Shinjuku-ku, Nishi-waseda, 4-25-12

Sam Baxendale: Staff Systems Engineer at ATA Aerospace
Phone: (906) 281-2036
E-mail: sebaxend@mtu.edu
Address: 2000 Wyoming Blvd SE, Albuquerque, NM 87123

Erich Brown: Research Engineer at COSMIAC
Phone: (775) 636-5025
E-mail: erich.brown@cosmiac.org
Address: 2350 Alamo Ave SE #300, Albuquerque, NM 87106