# CLAYTON BURNETT

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## Technical Skills

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|---|---|
| OS | Windows, Linux (Ubuntu, Red Hat, Linux Mint, CentOS, Free BSD, Arch), Android, iPhone |
| Database | MySQL, LocalStorage, Microsoft SQL Server,  Access, PostGres, Oracle |
| Programming | C/C++, C#, Java, Javascript, PHP, HTML5/CSS3, Perl, Python, Django |
| Software Tools | Git, Subversion, Mercurial, Jenkins, .Net, Aws, Drupal, Rally, React, Node.js, Three.js, Bootstrap |
| Methodology | Agile, SCRUM, Lean Problem Solving, Teaching/Constructing Lesson Plans |
| Hardware Tools | Oscilloscope, Four point probe, DMM, CAD Circuit Design, Soldering, Arc welding |

## Major Accomplishments / Notable Inventions

**Implemented a 70% performance increase to selected Intel technologies. Small business owner with $10K company sale.**

**Project Linseed**, Portland, OR                                                01/17 - Present
*Portable Hi-Fi Amplifier with Digital Signal Processing*

**The Radius Project**, Portland, OR                                             03/12 – Present
*One of the first HTML5 content frameworks*

## Tech Employment History

**IT Contractor,**  Tigard, OR                                                   12/12 – Present
*Self Employed*
- Web IT/Engineering Contractor
- 3 patents under review

**Network Support Specialist,**  Beaverton, OR                                   03/12 - 12/12
*Microsoft Corporation*
- Resolved  networking troubles and helpdesk tickets
- Gave advanced training in modern network troubleshooting techniques

**API Developer** (Contract through Business Education Compact), Hillsboro, OR    05/10 - 09/11
*Intel Corporation*
- Joined the API development team in writing low level API code for the graphics system using DirectFB and OpenGL-ESv2 in C++
- Designed a graphics SDK interface for development customers and created user documentation
- Applied SCRUM Agile development with Rally and bug tracking

**Validation Engineer** (Contract through Business Education Compact), Hillsboro, OR    02/10 - 05/10
*Intel Corporation*
- Validated Google TV and related consumer electronics SDK
- Designed and wrote an internal and widely used dynamic software testing suite with PERL and C++
- Proactive as the team's software build specialist ensuring customer demos were ready for showing
- Created the tool for testing GTV builds with processor enabled functions such as Hyper-threading
- Wrote tests using testing and benchmarking frameworks extensively including CPPUnit and Bullseye coverage reporting as well as autodoc generation with Doxygen
- Applied SCRUM Agile development with Rally and bug tracking

**Business Owner**, Portland, OR                                      02/09 - 02/10
*Computer Courtyard PC Services*
- Designed a business plan around setting up full software solutions for small businesses
- Acting IT department for several small office businesses maintaining business servers and software
- Applied VM updates and maintained system performance becoming expert on several business specific application suites
- Handled data maintenance and backup for sensitive company information
- Trained other contractors in day to day administration duties
- Created a $10K successful enterprise and grew the company responsibly

**Software Developer** (Internship/Contractor), Hillsboro, OR          05/08 - 02/09
*Intel Corporation*
- Engineered web service code for secure smart card transactions with companies like Paypal and Amazon
- Engineered a custom BHO plugin for Internet explorer and a Firefox plugin to interact with hardware
- Applied Java and C# .net for plugin code, used REST, MySQL XSLT, Apache Ant for web service API
- Created regular successful product demonstrations for upper management funding meetings

**Web Developer / IT Helpdesk Support**, Portland, OR                  09/06 - 05/07
*Portland State University*
- Operated university helpdesk, phone and ticket system
- Created custom web sites for grant funding, negotiated project compensation with customers
- Managed development of a custom Drupal site for glacier research using PhP, Toad AND MySQL
- Collaborated closely with customers to design the correct solutions fitting their need

**Software Developer / Server Admin**, Portland, OR                    06/04 - 05/05
*Portland Community College*
- Administered college distance learning servers; assisted in running distance learning classes
- Engineered a popular CGI Perl/Javascript app for inter campus video conferencing during class sessions
- Implemented custom application system at different campuses and an SSH server system with FTP
- Organized events as the paid student senate representative for business and computer science

## Education/Certifications

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|---|---|
| Portland Community College | Microelectronics Coursework |
| Portland Community College | AS (Computer Science) |
| Beaverton High School | Diploma |

## Additional Work History / Volunteer Work

**Portland Inventors Group**, Portland, OR                            03/17 – Present
*Volunteer / Inventor*

**VintageTek Museum**, Beaverton, OR                                  01/17 - Present
*Volunteer*

**Radioshack Corporation**, Tigard, OR                               04/13 - 02/14
*Specialist in electronic components and mobile retail*

**OfficeMax**, Bend, OR                                              05/11 - 03/12
*Computer/Printer/Tablet/Smartphone retail sales*