

# Matthew C. Lind

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Portland, OR

360 631 4272

matthewclind@protonmail.com

## Work History

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### Hemex Health

*Hardware Development Engineer* **2018 - Present**

- Reliability and environmental testing
- Medical regulatory documentation and compliance, including ISO 13485 and CE mark
- Manufacturing line establishment in India, including work instructions, test and inspection, fixture design, and hands-on training
- Medical cartridge design, including blood sample pickup, packaging for extremely low evaporation, microfluidic control, ease of use
- Design and development of mechanical, electrical, and software R&D tools
- Optical systems for fluorescent imaging

### Electronics Product Prototyping Consultant

*Consultant* **2018**

- Electronics and PCBA design for USB rechargeable wearable light
- Electronics and mechanical case design for ePaper based device
- Electronics, motor system, and firmware design for handheld position-controlled powertool

### Labyrinth Escape Games

*Chief Engineer* **2016-2018**

- Developed user-proof robust interactive puzzles
- PCBA, custom enclosures, firmware

### Epic

*Technical Services Representative* **2014 - 2015**

- Primary support for three healthcare organizations through application maintenance, customization, and upgrade
- Internal minor software development and QA

## Proficiencies

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- C/C++, Python, Java, JavaScript, HTML, PHP, Android
- KiCAD, EagleCAD, SolidWorks, AutoDesk Inventor, FreeCAD, GIMP, Audacity
- 3D Printing -- FDM, SLA, Polyjet
- Linux
- Various handtools, powertools, biolab equipment, electronic test equipment

## B.S. Materials Science and Engineering

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*University of Washington, 2013*

## Fun Stuff

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- 2016 Portland Marathon Finisher
- Open Source enthusiast
- My website: [matthewclind.com](http://matthewclind.com)
- GitHub: [MatthewCLind](https://github.com/MatthewCLind)