SOFTWARE/ELECTRICAL ENGINEERING POSITION
February 21, 2015, Rev 2.0

Candidate
- Senior engineer (15 years experience, minimum)
- CT/MA/NY/RI location preferable, ability to spend at least three days each week in Oxford, CT
- Preferred location: CT, Fairfield/Litchfield/New Haven counties
- Free-lance, independent contractor, OR recently retired, OR between jobs
- Software programming design and development background required
  - Experienced firmware development skills required
  - C++ programming language skills a plus
  - Qt programming language skills a plus
  - Wi-Fi, Bluetooth, Bluetooth LE experience required
- Biometrics hardware and software experience a strong plus
- RFID hardware and software experience a strong plus
- App development for Apple iPhone and other smartphones a plus

Overview
Güdpod is developing a nutraceutical beverage, compounding and dispensing system involving both durable and consumable components, including customized biometric data capture technology. It is presently undergoing integration of its tethered, laptop-resident custom operating system to a self-contained, onboard, SBC-resident operating system. Candidate will be responsible for programming all future upgrades as system undergoes development, modification and refinement.

Responsibilities
A high unit volume (1,000,000 units annually) machine will be coupled with a disposable portion pack (PP) for very high volume (100,000,000 units annually) production. The PP will be tagged with a unique identifier carrying assorted, individualized data to be used for purposes of point of consumption usage tracking, date code tracking, inventory management, security, anti-counterfeiting and other purposes. Candidate will be responsible for:
- All programming involving entire device operating system including:
  - Firmware development including hardware selection, specification & integration and all programming of all software
  - RFID system including selection, specification & integration of all RFID system components, plus writing to and reading from selected RFID tags
  - User interface
  - Onboard and remote diagnostics
  - Wireless Wi-Fi communication and data transmission
  - Biometric components for user identification

About Güdpod
Güdpod is a funded, development stage company....an incredibly exciting place to work as we fundamentally revolutionize how people consume and manage their daily vitamins and supplements. Our small, tech team is based in Oxford, CT and we are looking for a skilled, intuitive, creative thinker to join us on a contract basis with longer term potential as the company grows.

Send Resume and Cover Letter to: Brendan Duffy - brendan.duffy@gudpod.com