

Internship Opportunity

Linux Internship: The intern will be working with Linux OS and CISC (x86) and RISC (ARM, SuperH) architectures. Skills required are: Linux kernel hacking experience; GNU C/C++ and other GNU development tools. Some experience in writing device drivers would be advantageous. Salary would be \$1,200.00 per month, including room & board, round trip ticket to Cambodia and local transportation.

Intern will gain valuable experience by working in a developing environment and will be more conscientious of the various needs of a developing country and its people. A sense of adventure and trail blazing absolutely is a must.

Location of Work: Phnom Penh, Cambodia. Interns have an option of working from mobile platform while traveling inside of Cambodia to the various attractions in Cambodia. Angkor Watt temple complex; Irrawaddy Dolphins in Kampi, Kratie Province; White-Sand Beach of Sihanoukville and Ream National Park; Mangrove Forest in Koh Kong Province.

About CDEP: The Cambodian Dormitory and Education is a social and educational project based in Tokyo, Japan with two projects in Cambodia. CDEP has two focuses:

1. Providing dormitory facilities and educational service to poor Cambodian students who wish to continue their education beyond primary education and to older students who wish to acquire vocational skills. CDEP provides housing and funding to poor students to continue their studies in the capitol of Cambodia, Phnom Penh.
2. CDEP's long term goal is to develop a Science and Engineering College in Cambodia. SEC is located 2 hours from the Capitol, Phnom Penh, situated on a mountain side with abundance of flora and fauna.

Our focus now at the SEC is development of the basic infrastructure: roads, facilities, utilities, and of course human resources for the operation of SEC.

Existing System and Facilities:

- **Connectivities:** GPRS (3 Kbytes/sec) and IPStar Satellite Broadband System (128Kbps download/64Kbps upload). Higher speed will be considered when there is demand.
- **Electricity:** 270 Watts Solar System; 400 Watts windmill; 2 x 1-KWh hydro turbine and 1 x 200 Watts hydro turbine. Total energy storage is 7.5 KWh in banks of high capacity batteries.

SEC is not GRID connected, all of our energy needs are met with renewable energy sources.

About Cambodia: <http://en.wikipedia.org/wiki/Cambodia>

If interested, please contact Dr. Peter Li, peterli.00@gmail.com